

The Pinnacle



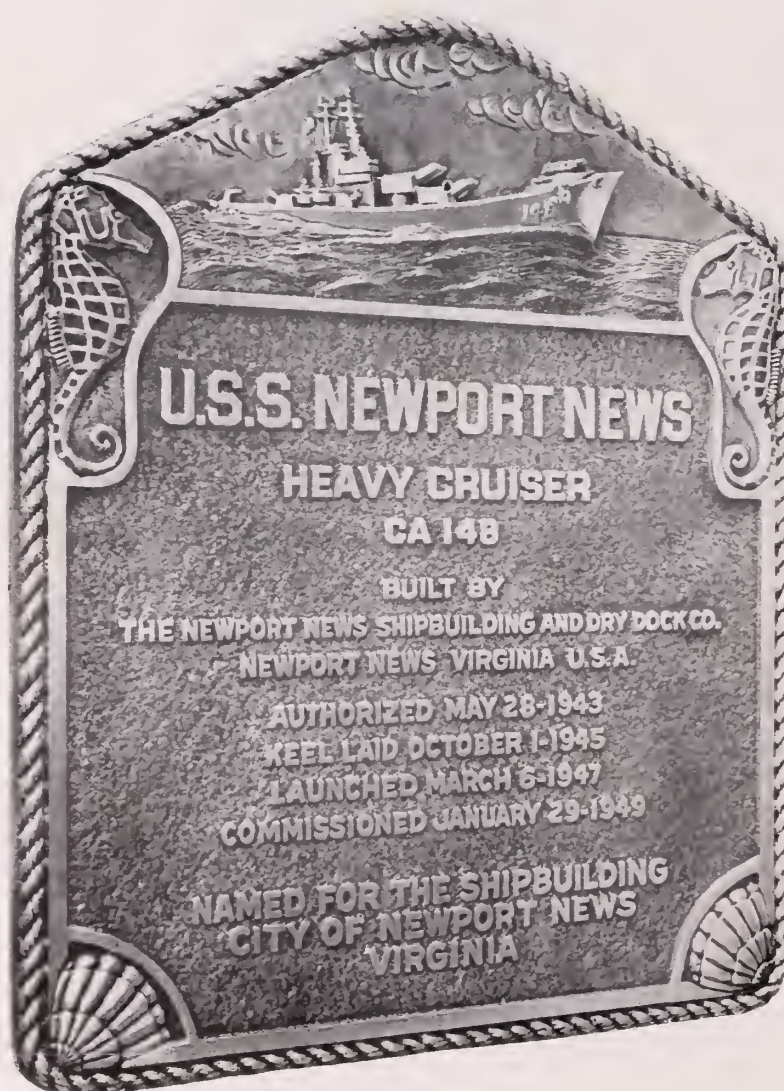
1949





FOREWORD

This, the fifth volume of the BINNACLE, year-book of the Apprentice School of the Newport News Shipbuilding and Dry Dock Company, is presented with the hopes of the staff that it is justified by the activities and organization which are its basis. In this capacity may it be treasured to serve not only as a source of entertainment and reminiscence in the future, but also as an accurate, authentic record of Apprentice activity in this eventful, unpredictable and trying year of 1949.



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Photo by Nixon

Sunset on the James



America's Queen



DEDICATION

To

EDWARD JOHN ROBESON, JR.

Vice-President and Personnel Manager

Ex-Coach and respected friend of Apprentices,

in sincere appreciation of and in gratitude

for his guidance in athletics and other

matters, we dedicate this fifth

volume of the BINNACLE.





In Memoriam

It is hard to measure the length of a man's life by the number of years he lives and although Charles F. Bailey lived a long life in years, he lived an even longer life in service to others. During these years he was with us he became known as the "Godfather of the Apprentices." Few men are remembered so affectionately as he is, for few men did so much for so many as he. With his passing on, there passed not only a gentleman with a world-wide reputation as a naval designer and builder of great ships, but also a friend and benefactor to all who knew him.



Reading from left to right: J. B. Woodward, Jr., President and General Manager; Roger Williams, Chairman of the Executive Committee; Emory S. Land; Samuel L. Slover; Homer L. Ferguson, Chairman of the Board; Francis F. Randolph; William E. Blewett, Jr., Executive Vice-president.

Missing from the picture are Charles Francis Adams and H. Donald Campbell.

BOARD OF DIRECTORS

J. B. Woodward, Jr., President and General Manager.

Roger Williams, Chairman of the Executive Committee.

Emory S. Land, Vice-Admiral, USN (Ret.); President of the Air Transport Association of America.

Samuel L. Slover, Chairman of the Board of Norfolk Newspapers, Inc., Norfolk, Virginia.

Homer L. Ferguson, Chairman of the Board.

Charles Francis Adams, Chairman of the Board of State Street Trust Company, Boston, Massachusetts.

William E. Blewett, Jr., Executive Vice-President.

H. Donald Campbell, Chairman of the Trust Committee of the Board of Directors of The Chase National Bank of the City of New York, New York, N. Y.

Francis F. Randolph, Chairman of the Board and President of Tri-Continental Corporation and associated companies; Partner of J. & W. Seligman & Co., New York, N. Y.

NEWPORT NEWS SHIPBUILDING & DRY DOCK COMPANY

PRINCIPAL OFFICERS



J. B. WOODWARD, JR.
*President and
General Manager*



WILLIAM E. BLEWETT, JR.
Executive Vice-President



EDWARD J. ROBESON, JR.
*Vice-President and
Personnel Manager*



ROBERT I. FLETCHER
*Vice-President and
Comptroller*



KEMPER L. KELLOGG
Secretary



W. GRAHAM SCOTT
Treasurer

THE CRUISER "NEWPORT NEWS"

*Ride On! O strong and mighty ship
Whose mission now is peace
Into the waters of the James
Where tides and winds ne'er cease.*

*Ride On! majestic, true and proud,
Thou guardian of the free
May "good will" be your helmsmans' course,
As you put out to sea.*

*Ride On! O sturdy hull of steel,
God speed thy maiden cruise
I'm proud to christen thee, O ship!
The cruiser "NEWPORT NEWS."*

This poem I respectfully dedicate to our dear friend and gracious sponsor, Mrs.
Homer L. Ferguson.

APPRENTICE SCHOOL
CLASS 1927

WALTER ALFRED LEYLAND
1947



Historical Sketch

The Apprentice School constitutes the most extensive of the several training programs maintained by the Newport News Shipbuilding and Dry Dock Company. Founded in 1888, it has functioned continuously since its birth on the basis that there be: (1) a shop, (2) tools and machinery, (3) an interested learner, (4) a job to do, (5) a competent instructor, (6) understanding and sympathetic management, (7) a proper environment for learning, (8) a well planned course of study and work and (9) a cooperative production force. Based on the above fundamentals as a starting point, training in each craft is analyzed and the work is presented to the Apprentice in sequence progressing from simple to complex; from easy to hard.

Academically, the school has grown steadily from its humble beginning. When the first Apprentice graduated in 1894 he was the product of the "over the shoulder" or "training by absorption" system of training. Having used local public school classrooms at night since 1911, the need for a school in the plant was recognized and the school established in 1919, graduating from location to location, building to building, to its present home. As the school grew externally so it progressed within. The introduction of the "training by intention" method, defined as "deliberately setting out to reach certain goals through a series of progressive experience" started the ascent to the present standards of the school. Advanced requirements for admission, specially trained instructors, new and improved academic courses, school-sponsored social, recreational and other extra-curricular activities, and class attendance on Company time and salary were all subsequent innovations.

Underlying attributing factors to an apprenticeship are the following formula and principles: (1) effective training varies as manipulative skill plus technical knowledge plus related information plus trade judgment plus craft morale, (2) preparation of the learner's mind, (3) presentation of the new idea, (4) application of the idea by the learner, first with supervision and then without, and (5) examination of the learner.



Apprentices are graded once each month on the following fourteen things which are arranged as they pertain to mental, physical, or moral standards: mental — (1) job planning, (2) versatility, (3) craft knowledge, (4) alertness, (5) resourcefulness, (6) judgment; physical — (7) workmanship, (8) dexterity, (9) speed, (10) accuracy; moral — (11) application, (12) interest, (13) cooperation, (14) dependability. Two courses are presented: the general or four-year apprenticeship and the engineering course. The latter is more extensive and requires five years, being given only to drafting apprentices who are permitted to enter a drafting apprenticeship after serving a year in another trade and demonstrating a capacity and desire for design work.

Admittance to the school is determined by the applicant's family background, his physique, scholastic records and previous experience. An apprentice must be unmarried, have a high school education with at least a "C" average and full credits in Mathematics, and must finally pass a personal interview and physical examination. Having been admitted to the school a student is free to terminate at any time and the Company reserves the right of dismissal for any reason warranting dismissal.



THE CLASS ROOM



THE APPRENTICE SCHOOL



G. GUY VIA
*Director of Education
and Training*

To G. Guy Via we are deeply indebted for our
success in school and work.

ADMINISTRATION



FAIRMOUNT R. WHITE
*Assistant Director
for Education*



SAMUEL A. HICKEY
*Assistant Director
for Training*



JACK C. SMITH
Staff Supervisor



FRANK L. STOKES
*Chief of Craft
Instruction*



L. H. FLOWERS
Staff Supervisor

The secretarial duties are performed by a staff composed of Mrs. Curtis, Miss Biggins, Mrs. Wilson, and Miss Dibble.



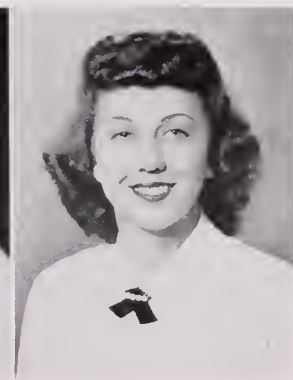
MRS. J. E. CURTIS



MISS FRANCES BIGGINS



MRS. T. C. WILSON, JR.



MISS JANE DIBBLE

ACADEMIC FACULTY



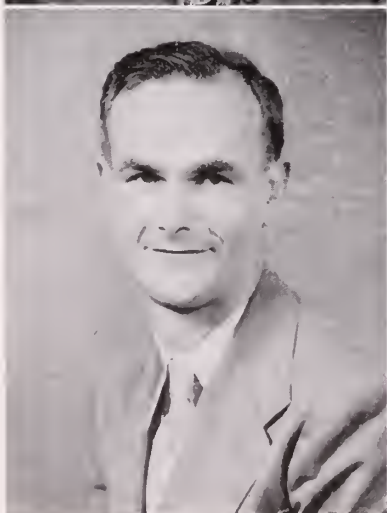
D. BOYD THOMAS, Mathematics,
B.S., M.S., North Carolina
State College; Duke University,
University of Michigan.

PAUL B. GIVENS, Mathematics,
B.S., Virginia Polytechnic In-
stitute; Lynchburg College.



GEORGE C. MASON, Marine En-
gineering and Naval Archi-
tecture, B.S., North Carolina
State College; Yale Univer-
sity; Massachusetts Institute
of Technology.

JOHN C. CARVIL, Engineering
Drawing, Apprentice School
of the Newport News Ship-
building and Dry Dock Com-
pany; Johns Hopkins Univer-
sity.



WILLIAM HELTZEL, Chemistry,
B.S., College of William and
Mary; M.S., Brown Univer-
sity.

VERNON C. HAYNES, Mathe-
matics, B.E., Tulane Univer-
sity; M.S., Louisiana State
University.

HARRY K. MILLER, Physics,
B.S., Lebanon Valley Col-
lege; M.A., Lehigh University.

CARL NORWOOD ROBESON, Arts,
B.A., Carnegie Institute of
Technology; Emory Univer-
sity.

S. KENNETH MCFALL, Marine
Engineering, American Loco-
motive Drawing School.

JOE D. SMITH, Naval Architec-
ture, Apprentice School of
the Newport News Shipbuild-
ing and Dry Dock Company.

O. REID HUDSON, Apprentice
Drawing School, Apprentice
School of the Newport News
Shipbuilding and Dry Dock
Company.





VOCATIONAL FACULTY

Top row, left to right: T. B. BAIRD, Machinists; E. E. BROCKLEY, Machinists; F. J. BROWN, JR., Electricians; D. L. CARMINES, Sheet Metal; M. CHRISTIE, Outside Machinists; A. E. CULLEN, Mold Loft.

Second row, left to right: F. J. DAVIS, Ship Carpenters; S. DAVIS, Machinists; C. C. DONEGAN, Pipefitters; L. H. FLOWERS, Staff Supervisor; J. G. FORETICH, Pattern Shop; F. B. GALL, Ship Carpenters.

Third row, left to right: G. G. GIVENS, Electricians; C. L. GRIFFITH, Machinists; E. E. HEATH, JR., Machinists; W. K. HUNT, Foundry; F. L. JOHNSON, Outside Machinists; L. B. JONES, Sheet Metal.

Fourth row, left to right: R. P. LENTZ, Machinists; A. J. MADSEN, Machinists; A. C. MARSHALL, Machinists; J. MCBRIDE, Machinists; H. J. MCCARTHY, Pipefitters; J. W. MCCREERY, Outside Machinists.

Fifth row, left to right: J. E. MCGANN, Machinists; W. E. MICHE, Shipwrights; J. W. MURDEN, Machinists; D. B. PARRISH, Coppersmiths; A. L. POINDEXTER, Machinists; O. E. SCHADE, Machinists.

Sixth row, left to right: R. W. SHERMAN, Electricians; E. B. SNYDER, Machinists; V. G. STOCKMAN, Boilermakers; J. E. TOROK, Coppersmiths; C. H. WATERS, Shipfitters; DAN WEST, Mold Loft; E. H. WRIGHT, Machinists.



Photo by J. E. Rawls

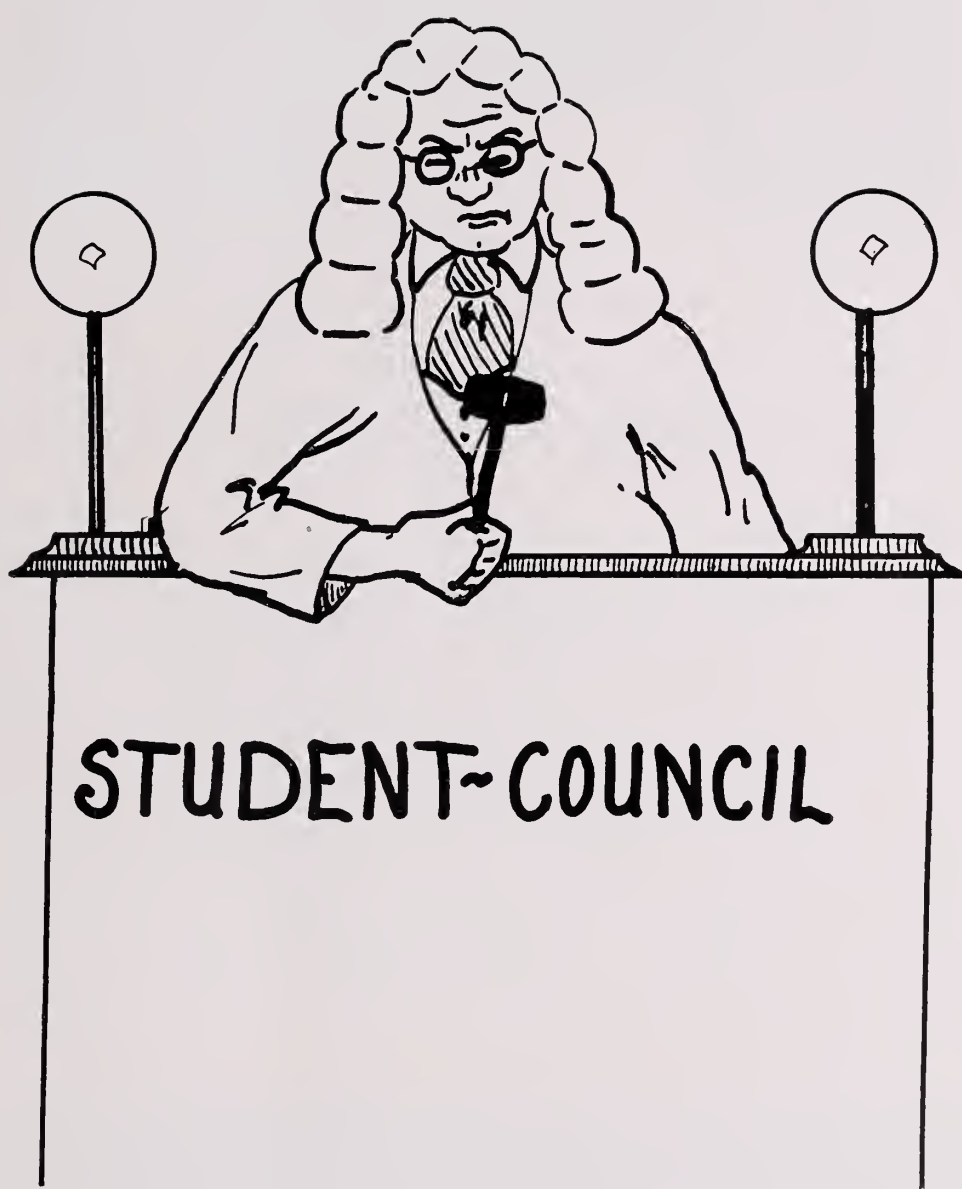
Just Looking



THE SHIP

Build me straight, O worthy Master!
Staunch and strong, a goodly vessel,
That shall laugh at all disaster,
And with wave and whirlwind wrestle!

Sail forth unto the sea of life,
O gentle, loving, trusting wife,
And safe from all adversity
Upon the bosom of that sea
Thy comings and thy goings be!
For gentleness and love and trust
Prevail o'er angry wave and gust;
And in the wreck of noble lives
Something immortal still survives!
Thou, too, sail on, O Ship of State!!
Sail on, O Union, strong and great!
Humanity with all its fears,
With all the hopes of future years,
Is hanging breathless on thy fate!
We know what master laid thy keel,
What workmen wrought thy ribs of steel,
Who made each mast, and sail, and rope,
What anvils rang, what hammers beat,
In what forge and what a heat
Were shaped the anchors of thy hope!
Fear not each sudden sound and shock,
'Tis of the wave and not the rock;
'Tis but the flapping of the sail,
And not a rent made by the gale!
In spite of the rock and tempest's roar,
In spite of the false lights on the shore,
Sail on, nor fear to breast the sea!
Our hearts, our hopes, are all with thee,
Our hearts, our hopes, our prayers, our tears,
Our faith triumphant o'er our fears.

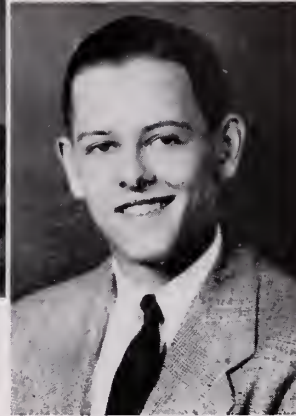




E. W. BUCKINGHAM
Vice-president



T. B. RAY
President



C. N. ROBESON
Secretary

STUDENT COUNCIL

Finishing its third successful year, the Student Board of Directors has continued to give the student body a type of government with outstanding representation of all members in the School.

The members of the Board have handled all problems which came to their attention with the utmost diligence and care. They have tirelessly gone over each problem, giving serious thought and consideration to any person or group to be affected.

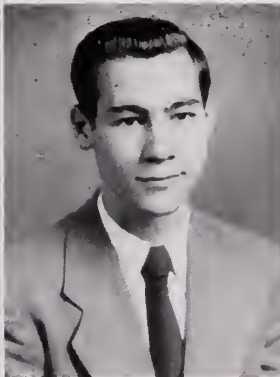
Headed by the President, T. B. Ray, himself outstanding in Apprentice affairs, this organization is indeed a credit to the School.



S. T. DEMIRO
Athletic Chairman



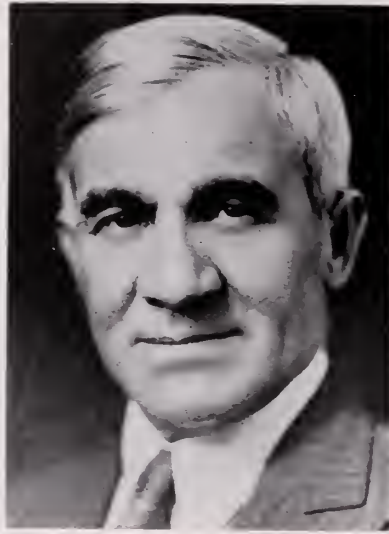
I. FENTON
Social Chairman



P. C. OVERMAN
Publications Chairman



M. L. GARRISON
Music Chairman



THE HOMER L. FERGUSON AWARD

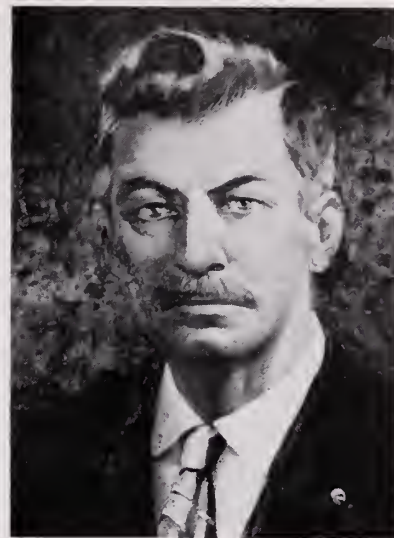
To the graduating student having the highest average in his combined shop and class-room grades goes the signal honor of this award. Consisting of a gold watch, appropriately engraved, it was introduced in 1948, in honor of Homer L. Ferguson, President, Newport News Shipbuilding and Dry Dock Company, retired, by the Apprentice Alumni Association and is awarded annually by this group.

This year's recipient is Wayne Hampton Starkey, having completed a 4-year apprenticeship as a machinist.



The Niels Christiansen Craftsmanship Award

Another Alumni-sponsored award, this is presented each year to a group of graduates representing all the main divisions of the Yard who have shown outstanding craftsmanship. It is a coveted award honoring the late Niels Christiansen, former superintendent of the Machine Shop Division and proponent of and firm believer in Apprentice Training.

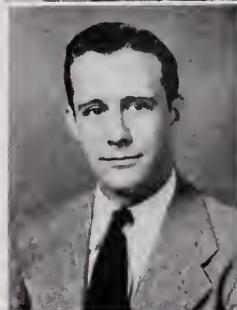
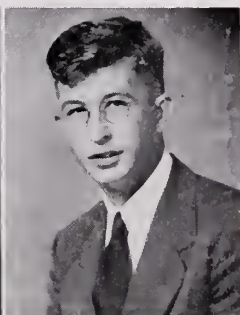


S. T. DEMIRO
*Machinery Drafting
Division*

E. A. URICK
Hull Drafting Division

C. L. ROUNTREE, JR.
Machinery Division

H. E. PARKER
Hull Outfitting Division



J. D. BISHOP
Machine Shop Division



J. W. TAYLOR
*Hull Construction
Division*



THE CHARLES F. BAILEY SCHOLARSHIP AWARD

Presented in honor of the late Charles F. Bailey, known as the "Godfather of the Apprentices" and former Engineering Director of the Shipyard, by the Apprentice Alumni Association, these awards consist of bronze, silver, and gold medals. Awarded for scholastic achievement, these medals are given in the above order to the highest-ranking first-, second-, and third-year students.

Receiving the 1949 awards were first-year student J. C. Belote of the Electrical Department, second-year student V. O. Bright, Jr. of the Hull Drawing Room, and third-year student C. N. Robeson, Jr. of the Electrical Department.



J. C. BELOTE

V. O. BRIGHT, JR.

C. N. ROBESON, JR.



THE JOURNALISM AWARD

Graduating Apprentices who have taken an active part as staff members on either the "Broad A" or "Binnacle" or both, for a combined total of four years, are eligible for this award, subject to final approval by the Director of Education and Training of students' names submitted by the editors. In addition to receiving the gold "Quill-and-A" the award winners are also eligible for membership in the "Quill-and-A Society".



S. T. DEMRO



THE GOLD ATHLETIC AWARD

The Gold Athletic Award is the highest award that can be made in the Apprentice School for athletic activities. To receive the Gold Athletic Award an athlete must prove his worth by receiving at least two monograms for one sport, playing for four consecutive years or serving satisfactorily until eliminated for some reason beyond his control. The award is made by the Athletic Council only after being approved by the Athletic Director and the Director of Education and Training.



R. F. BEARD, JR.
Football



S. T. DENIRO
Football



C. B. ROBBINS
Football



W. H. STARKEY
Wrestling



G. M. THOMAS
Football

THE GOLD MUSIC AWARD

The Gold Music Award is just as difficult to obtain as the Gold Athletic Award. After playing in the Apprentice Band for a period of two years, the musician, if his conduct is worthy of the honor, is presented with a monogram. If he displays the same high standard of service for two more years, he is then entitled to wear the Gold Music Award. This award must be approved by the Officers of the Band, the Faculty Advisor, and the Director of Education and Training. The student's attendance records for rehearsals, as well as his conduct at rehearsals and in public are taken into consideration.



THE FIRST TERM CHEMISTRY AWARD



The latest award to be added to our list of awards is The First Term Chemistry Award.

It is given yearly by the Chemical Rubber Publishing Company to the student making the highest grade in beginning chemistry during the fall term of each year.

The award is a copy of HANDBOOK OF CHEMISTRY AND PHYSICS. It was presented to W. A. RAINES by Professor H. K. MILLER, JR., for the fall term of 1949.

Left to right: W. A. RAINES, H. K. MILLER, JR., T. FINCH, W. S. PILLOW, C. G. CASTELLOW, JR., J. A. GOLUB, and L. D. GARDNER.



MONOGRAM

AWARDS

To receive the Apprentice Monogram "A" a student may participate in one of the many varsity sports which include football, baseball, basketball, and track; playing the required amount of time or acquiring a prescribed number of wins.

Representing hard work and devotion to his school, the coveted "A" is worn with pride by the recipient, commanding the respect and admiration of fellow students and the general populace.

Winners of this award are determined through consultation with the various coaches and the Director of Education and Training or his assistants and are presented before the assembled student body by the Student Board of Directors represented by the coach.

T. C. ARMSTRONG	Football-Star
S. V. BARBEE	Football-Star
R. F. BEARD	Basketball-Star
J. P. BECK	Basketball-Letter
H. D. BRADSHAW	Football-Star
R. E. BRYANT	Baseball-Letter
E. R. COOPER	Football-Star
E. A. CONDON	Baseball-Letter
W. G. CORSON	Baseball-Letter
R. D. COULSON	Track-Letter
F. H. COWLING	Basketball-Letter
L. F. CROCKETT	Track-Letter
W. D. DANIELS	Football-Star
S. T. DEMRO, Mgr.	Wrestling-Letter
E. T. DESKINS, Mgr.	Basketball-Letter
J. W. DUNN	Baseball-Letter
J. DURNOVICH	Baseball-Letter
A. M. FORBES	Baseball-Letter
W. T. FOSTER	Football-Star
M. L. GARRISON	Track-Letter
J. E. GIRTON	Football-Star

P. G. GREHAM	Football-Star
W. H. GRIFFIN	Baseball-Letter
F. G. GRUBB	Baseball-Letter
P. H. GWYNN	Baseball-Letter
R. F. HARRISON	Track-Letter
J. B. HARWOOD	Football-Star
C. H. HEARN	Track-Star
F. P. HOPKINS	Wrestling-Letter
A. C. HOWELL	Baseball-Letter
L. W. ILISH	Football-Star
I. JENKINS	Wrestling-Letter
J. C. KELLY	Football-Letter
R. W. KENDRICK	Baseball-Letter
T. E. KERSEY	Football-Letter
W. H. LAMKIN	Track-Star
J. L. LANDIS	Football-Star
F. W. LEWIS	Football-Letter
J. L. LIBERTY	Baseball-Letter
C. R. LINCOLN	Baseball-Letter
N. H. MONK	Football-Letter
J. E. O'DONNELL	Baseball-Letter

P. C. OVERMAN, Mgr.	Track-Letter
C. O. PARKER, Mgr.	Football-Letter
W. M. PETTITT, Mgr.	Football-Letter
J. W. PHILLIPS	Track-Letter
J. C. PLAZZA	Football-Letter
J. H. RAPPOLD	Wrestling-Letter
T. B. RAY	Football-Star
J. L. RICKS	Track-Star
H. A. ROWLAND	Wrestling-Letter
J. P. SCHADE, Mgr.	Baseball-Letter
D. B. SEWARD	Track-Letter
L. A. SHINN	Football-Star
C. L. SMITH	Track-Star
F. C. SORRELL	Football-Letter
W. H. STARKEY	Baseball-Letter
W. H. SWORD	Track-Star
L. E. TAYLOR	Wrestling-Letter
G. M. THOMAS	Baseball-Letter
J. S. TRAYLOR	Baseball-Letter
J. B. VIOLETTE	Baseball-Letter
R. E. WALKER	Wrestling-Letter
C. E. WARD	Football-Letter
F. A. WOLFE	Wrestling-Letter



PRESENTING THE CLASS OF 1949

CLASS MOTTO

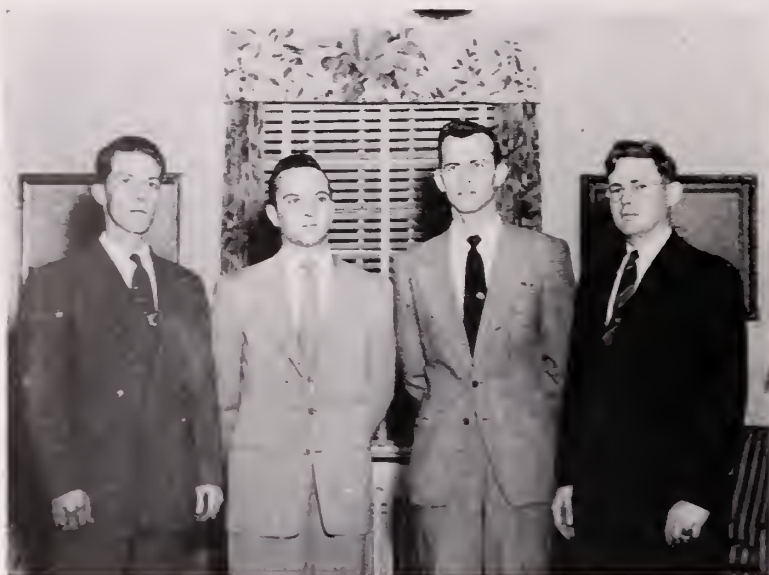
"Well Done"

CLASS COLORS

"Maroon and Gold"

CLASS FLOWER

"Rose"



Left to right: C. L. ROUNTREE, JR., G. B. PENN, M. M. SHELOR, and S. T. DEMRO.

CLASS OFFICERS

President SAMUEL THEODORE DEMRO

Vice-president CHARLES LEE ROUNTREE, JR.

Secretary MORRELL MACKENZIE SHELOR, JR.

Treasurer GEORGE BAYER PENN

These are the men who were the youths beginning their apprenticeship four or five years ago. Their lives are theirs to do with as they see fit and, equipped with the knowledge and experience afforded them by this completed training program, they can anticipate many advantages and a bright future ahead whether they continue in their chosen trade or elect to attain certain other goals in education of other fields.

Here's to you!



MISS JANE DIBBLE

Senior Class Sponsor



EARL BERKLEY ADAMS, JR.

Hampton, Virginia

Departments: Entered Apprentice Gallery August 20, 1942, transferred to Hull Fitting and Plant Shop August 30, 1943; joined Navy November 24, 1943, discharged May 23, 1946; reinstated in Hull Fitting and Plant Shop July 1, 1946, and graduated as Machinist January 8, 1949.

Activities: Track, '47, '48; Binnacle, '47, Feature Editor '48; Class Secretary, '48.

GERALD RANDOLPH ANDERS

Asheville, North Carolina

Departments: Entered Apprentice Gallery March 12, 1942, transferred to Hull Fitting and Plant Shop July 14, 1942; joined Navy February 2, 1943, discharged January 3, 1946; reinstated in Apprentice Gallery January 28, 1946, transferred to Hull Fitting and Plant Shop March 25, 1946, Machinery Drawing Room June 16, 1947, and graduated as Machinery Draftsman December 21, 1949.

Activities: Literary Society, '47; House League Basketball, '48, '49.



HARRY CHARLES ANDERSON

Aurora, Illinois

Departments: Entered Shipwrights September 18, 1941, transferred to North Carolina Yard July 21, 1942; joined Navy August 18, 1942, discharged October 17, 1945; reinstated in Shipwrights August 19, 1946, transferred to Ship Carpenters October 27, 1947, and graduated as Ship Carpenter August 24, 1949.

Activities: Football, '47.



ROBERT FRANKLIN BEARD, JR.

Newton, North Carolina

Departments: Entered Apprentice Gallery August 27, 1942, transferred to Machine Shop March 19, 1943; joined Navy July 31, 1943, discharged March 19, 1946; reinstated in Machine Shop June 17, 1943, and graduated as Machinist August 29, 1949.

Activities: Basketball, '46, '47, '48, '49; Track, '47; Football, '47, '48; Cotillion Club, '47; Monogram Club, '47; Gold Athletic Award, '49.





LINWOOD TILTON BEASLEY

Norfolk, Virginia

Departments: Entered Machine Shop January 3, 1941; entered Navy January 6, 1941, discharged September 18, 1945; reinstated in Apprentice Gallery November 6, 1945, transferred to Hull Fitting and Plant Shop August 11, 1947, and graduated as Machinist August 23, 1949.

JOHN DILLEGAR BISHOP

Estillfork, Alabama

Departments: Entered Apprentice Gallery July 2, 1942, transferred to Hull Fitting and Plant Shop November 24, 1942; joined Army December 28, 1942, discharged December 30, 1945; reinstated in Hull Fitting and Plant Shop April 15, 1946, and graduated as Machinist November 4, 1949.

Activities: Binnacle, Assistant Feature Editor, '47; Class Secretary, '48; Niels Christiansen Award, '49.



HOMER WILLETT BUCK

Gloucester, Virginia

Departments: Entered Machine Shop October 16, 1941, transferred to Apprentice Gallery January 26, 1942, Machinery Installation April 13, 1942; joined Army July 31, 1942, discharged January 13, 1946; reinstated in Machinery Installation April 15, 1946, and graduated as Machinist April 15, 1949.

Activities: Board of Directors.



PAUL WILLIAM CULOTTA

Newport News, Virginia

Departments: Entered Apprentice Gallery July 1, 1943; joined Navy March 13, 1944, discharged May 3, 1946; reinstated in Apprentice Gallery July 29, 1946, transferred to Hull Fitting and Plant Shop June 30, 1947, and graduated as Machinist August 27, 1949.

Activities: Track, Assistant Manager, '47, Manager, '48; Football, Assistant Manager, '47.





SAMUEL THEODORE DEMRO

Dania, Florida

Departments: Entered Electricians February 12, 1942; joined Merchant Marine April 17, 1944, discharged January 23, 1947; reinstated in Electricians March 24, 1947, transferred to Electrical Drawing Room July 19, 1948, and graduated as Electrical Draftsman December 22, 1949.

Activities: Minstrel, '42, '43; Monogram Club, '43, '44, '47, '48, '49; House League, '42, '43, '44, '47, President, '48; Football, Manager, '43, '44, Equipment Manager, '47, '48, '49; Track, Manager, '48, '49; Binnacle, '47, Sports Editor, '48, Editor-in-Chief, '49; Board of Directors, '48, '49; Athletic Chairman, '48, '49; Electricians Club, '42, '43, '44, '47; Gold Athletic Award, '49; Niels Christiansen Award, '49; Journalism Award, '49.

DONALD OLIVER DOWLING

Coke, Virginia

Departments: Entered Apprentice Gallery November 19, 1942; joined Navy September 8, 1943, discharged May 3, 1946; reinstated in Apprentice Gallery June 11, 1946, transferred to Machine Shop July 29, 1946, and graduated as Machinist July 5, 1949.



HAROLD GARFIELD FARRELL

Belmont, Massachusetts

Departments: Entered Shipfitters December 11, 1941, transferred to Hull Drawing Room February 8, 1943, Superintendent's Office November 29, 1943, Mold Loft January 31, 1944; joined Navy March 22, 1944, discharged June 19, 1946; reinstated in Superintendent's Office August 26, 1946, transferred to Hull Drawing Room May 23, 1947, and graduated as Hull Draftsman March 21, 1949.

Activities: Board of Directors; House League Basketball.



CECIL ALLEN FIELD

Hampton, Virginia

Departments: Entered Apprentice Gallery September 30, 1942; joined Army February 4, 1943, discharged March 24, 1946; reinstated in Apprentice Gallery April 16, 1946, transferred to Hull Fitting and Plant Shop August 11, 1947, and graduated as Machinist December 7, 1949. Activities: Board of Directors.



JAMES ROSWELL GAYLOR

Magnolia, North Carolina

Departments: Entered Sheet Metal Department December 17, 1942; joined Navy February 18, 1944, discharged June 15, 1946; reinstated in Sheet Metal Department August 12, 1946, and graduated as Sheet Metal Worker May 14, 1949.

GILBERT GILTO GUILLETTE, V

Hampton, Virginia

Departments: Entered Apprentice Gallery March 26, 1942, transferred to Machinery Installation October 12, 1942; joined Army Air Corps March 6, 1943, discharged February 5, 1946; reinstated in Apprentice Gallery February 13, 1946, transferred to Machinery Installation March 25, 1946, and graduated as Machinist January 8, 1949.



GEORGE KEITH SINCLAIR HARDY

Hampton, Virginia

Departments: Entered Apprentice Gallery March 12, 1942, transferred to Pipe Department August 31, 1942; joined Navy January 2, 1943, discharged May 9, 1946; reinstated in Apprentice Gallery July 8, 1946, transferred to Pipe Department May 26, 1947, Machinery Installation August 25, 1947, and graduated as Machinist July 6, 1949.



CLARENCE BAILEY HARRIS

Jackson Creek, North Carolina

Departments: Entered Coppersmiths August 3, 1943; joined Army September 23, 1944, discharged December 3, 1946; reinstated January 7, 1947, transferred to Pipe Department August 29, 1949, and graduated as Coppersmith November 22, 1949.



WILLIAM SYDNOR HAWKES

Wilsons, Virginia

Departments: Entered Apprentice Gallery July 9, 1942, transferred to Machine Shop October 16, 1942; joined Navy November 2, 1942, discharged March 27, 1946; reinstated in Apprentice Gallery April 15, 1946, transferred to Machine Shop June 27, 1947, and graduated as Machinist October 21, 1949.

Activities: Softball League; Shipyard Bowling League.

STANLEY PERRY LEICESTER

Hilton Village, Virginia

Departments: Entered Shipfitters September 24, 1942; joined Navy March 31, 1944, discharged May 29, 1945; reinstated in Shipfitters August 26, 1945, transferred to Mold Loft March 1, 1948, Shipfitters July 26, 1948, and graduated as Shipfitter February 21, 1949.

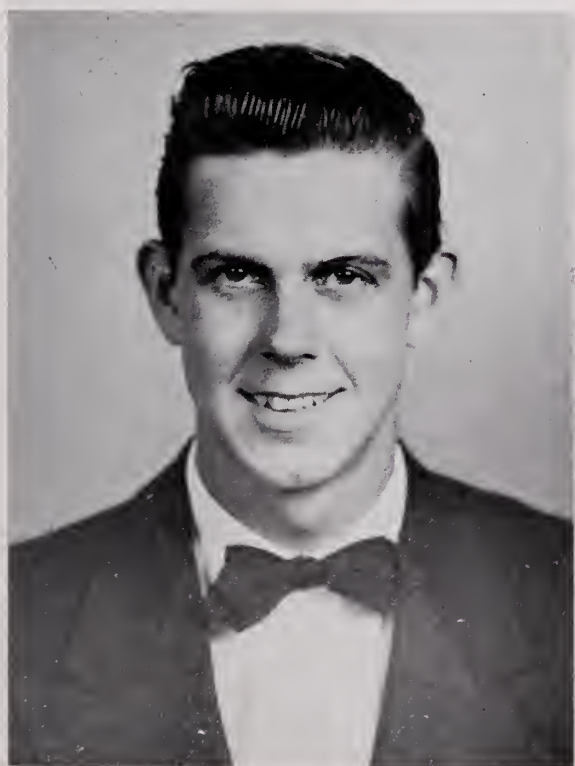


CLIFTON WELLS LOVELAND

DeLand, Florida

Departments: Entered Apprentice Gallery March 19, 1942, transferred to Machine Shop June 8, 1942, Piping Drawing Room November 1, 1943; joined Army December 15, 1943, discharged November 2, 1945; reinstated in Piping Drawing Room January 31, 1946, transferred to Machine Shop July 29, 1946, Machinery Drawing Room May 23, 1947, and graduated as Machinery Draftsman March 2, 1949.

Activities: Band, '42, '43, '47, '48; Minstrel, '42, '43; Cotillion Club, '43, '47; Class Treasurer, '48.



BELTON THOMASSON MCALEXANDER, JR.

Charlottesville, Virginia

Departments: Entered Apprentice Gallery October 29, 1942, transferred to Toolmakers, March 22, 1943; joined Navy March 28, 1944, discharged June 15, 1943; reinstated in Toolmakers August 28, 1946, transferred to Machinery Installation January 13, 1947, and graduated as Machinist January 8, 1949.



JOHN AUGUSTUS McERLAIN, JR.

Newport News, Virginia

Departments: Entered Apprentice Gallery June 26, 1943, transferred to Machine Shop March 31, 1944; joined Navy August 21, 1944, discharged September 19, 1946; reinstated in Apprentice Gallery September 26, 1946, transferred to Pipe Department November 3, 1947, Machine Shop January 10, 1949, and graduated as Machinist August 11, 1949.

Activities: Cotillion Club, '47; Basketball, Assistant Manager, '47, Manager, '48; Track, Assistant Manager, '47; Football, Assistant Manager, '47.

JOHN CALVIN McPIERSON

Asheboro, North Carolina

Departments: Entered Apprentice Gallery April 23, 1942, transferred to Machinery Installation December 7, 1942; joined Army January 28, 1943, discharged November 9, 1945; reinstated in Apprentice Gallery January 4, 1946, transferred to Brass Gallery August 12, 1946, and graduated as Machinist March 2, 1949.

Activities: Monogram Club, '47.



JAMES BERNARD MIANTE

Newport News, Virginia

Departments: Entered Apprentice Gallery July 16, 1942, transferred to Machine Shop November 17, 1942; joined Navy February 10, 1943, discharged March 9, 1946; reinstated in Apprentice Gallery April 1, 1946, transferred to Machine Shop April 2, 1947, and graduated as Machinist June 22, 1949.

Activities: Class Treasurer, '48.



RUPERT RAYMOND MONAHAN

Richmond, Virginia

Departments: Entered Electricians June 17, 1943; joined Army March 31, 1944, discharged March 1, 1946; reinstated in Electricians March 18, 1946, and graduated as Electrician March 12, 1949.



JAMES COLLIER OGBURN

Champe, Virginia

Departments: Entered Shipfitters January 15, 1942; joined Army April 14, 1944; reinstated in Shipfitters on August 12, 1947, transferred to Mold Loft March 1, 1948, Shipfitters July 26, 1948, Superintendent's Office September 20, 1948, and graduated as Shipfitter March 9, 1949. Activities: Softball League.

HOSEA EARL PARKER

Silverdale, North Carolina

Departments: Entered Electricians November 11, 1943; joined Army December 23, 1944, discharged December 4, 1946; reinstated in Electricians January 7, 1947, and graduated as Electrician December 2, 1949. Activities: Niels Christiansen Award, '49.



GEORGE BAYER PENN

Smithport, Pennsylvania

Departments: Entered Apprentice Gallery March 19, 1942, transferred to Machine Shop August 6, 1942, Machinery Drawing Room November 1, 1943; joined Marines March 25, 1944, discharged July 26, 1946; reinstated in Apprentice Gallery September 9, 1946, transferred to Hull Fitting and Plant Shop June 30, 1947, Pulp and Paper February 16, 1948, and graduated as Machinery Draftsman August 11, 1949.

Activities: Football, '43, '46, '47; Track, '43, '47; House League Basketball, '47; Board of Directors, '46, '47, '48; Monogram Club, '47; Cotillion Club, '47; Class Treasurer, '49; Class Speaker, '49.



PHILP ROSS RAMSAY

Newport News, Virginia

Departments: Entered Apprentice Gallery September 24, 1942, transferred to Machinery Installation July 19, 1943; joined Navy October 4, 1943, discharged December 29, 1945; reinstated in Machinery Installation January 7, 1946, transferred to Piping Drawing Room February 2, 1948, and graduated as Piping Draftsman October 12, 1949.



ROBERT LEONIDAS RHODES

Hampton, Virginia

Departments: Entered Apprentice Gallery September 24, 1942; joined Army February 4, 1943, discharged March 29, 1946; reinstated in Apprentice Gallery April 16, 1946, transferred to Hull Fitting and Plant Shop August 11, 1947, Machinery Drawing Room October 4, 1948. Hull Fitting and Plant Shop March 7, 1949, and graduated as Machinist December 6, 1949.

CHARLIE BOLDEN ROBBINS, JR.

Port Richmond, Virginia

Departments: Entered Sheet Metal Department December 10, 1942; joined Army April 25, 1944, discharged July 6, 1946; reinstated in Sheet Metal Department September 23, 1946, and graduated as Sheet Metal Worker March 22, 1949.

Activities: House League Basketball, '43, '44, '46, '47; Football, '47, '48; Softball, '47, '48; Golf, '47, '48; Baseball, '49; Gold Athletic Award, '49.



HARRY OLIVER ROSS, JR.
Greenville, North Carolina

Departments: Entered Apprentice Gallery January 15, 1942, transferred to Machine Shop March 6, 1942; joined Navy October 10, 1942, discharged January 6, 1946; reinstated in Apprentice Gallery January 28, 1946, transferred to Machine Shop April 2, 1947, and graduated as Machinist March 3, 1949.

Activities: Orchestra; Debate Team; Board of Directors, '46.



CHARLES LEE ROUNTREE, JR.
Newport News, Virginia

Departments: Entered Coppersmiths November 7, 1940; joined Navy April 19, 1941, discharged November 7, 1945; reinstated in Coppersmiths November 15, 1945, and graduated as Coppersmith April 19, 1949.

Activities: Wrestling, '48; Board of Directors; Class Vice President, '49; Niels Christiansen Award, '49.



ALVIN MELBURN SCHELL, JR.

Newport News, Virginia

Departments: Entered Apprentice Gallery September 22, 1943, transferred to Machine Shop April 3, 1944; joined Navy September 9, 1944, discharged June 19, 1946; reinstated in Apprentice Gallery July 15, 1946, transferred to Pipe Department November 10, 1947, Piping Drawing Room October 4, 1948. Machine Shop March 7, 1949, and graduated as Machinist August 1, 1949.

MORRELL MACKENZIE SHELOR, JR.

Poplar Branch, North Carolina

Departments: Entered Electricians September 3, 1942; joined Navy April 1, 1944, discharged June 24, 1946; reinstated in Electricians August 19, 1946, transferred to Electrical Drawing Room July 28, 1947, and graduated as Electrical Draftsman December 14, 1949.

Activities: Class Secretary, '49; House League Basketball.



WAYNE HAMPTON STARKEY

Hampton, Virginia

Departments: Entered Apprentice Gallery September 24, 1942; joined Navy January 23, 1943, discharged May 4, 1946; reinstated in Apprentice Gallery May 15, 1946, transferred to Pipe Department November 24, 1947, Machine Shop January 10, 1949, and graduated as Machinist September 22, 1949.

Activities: Wrestling, '47, '48, '49; Track, '47, '48, '49; Football, '47, '48; Gold Athletic Award, '49; Homer L. Ferguson Award, '49.



JOHN WILLIAM TAYLOR

Newport News, Virginia

Departments: Entered Shipfitters July 9, 1942; joined Navy September 12, 1942, discharged December 5, 1945; reinstated in Shipfitters January 7, 1946, transferred to Mold Loft July 6, 1948, Shipfitters July 11, 1949, and graduated as Shipfitter August 8, 1949.

Activities: Niels Christiansen Award, '49.





GEORGE MILTON THOMAS

Newport News, Virginia

Departments: Entered Sheet Metal Department July 1, 1943; joined Navy July 27, 1944, discharged July 31, 1946; reinstated in Sheet Metal Department September 9, 1946, and graduated as Sheet Metal Worker May 21, 1949.

Activities: Football, '47, '48; Wrestling, '49; Gold Athletic Award, '49.

PHILIP GRAY THORNBURG

Greensboro, North Carolina

Departments: Entered Apprentice Gallery April 23, 1942, transferred to Machine Shop July 9, 1942; joined Navy October 16, 1942, discharged January 13, 1946; reinstated in Apprentice Gallery February 18, 1946, transferred to Pipe Department February 2, 1948, Machinery Installation August 29, 1949, and graduated as Machinist November 9, 1949.

Activities: Binnacle, '47, '48; Board of Directors, '48, '49; House League Basketball.



CHARLES REAVES TURNER

Newport News, Virginia

Departments: Entered Apprentice Gallery March 18, 1943, transferred to Machine Shop February 16, 1944; joined Army March 29, 1944, discharged May 5, 1946; reinstated in Apprentice Gallery May 20, 1943, transferred to Machine Shop June 13, 1946, and graduated as Machinist February 25, 1949.

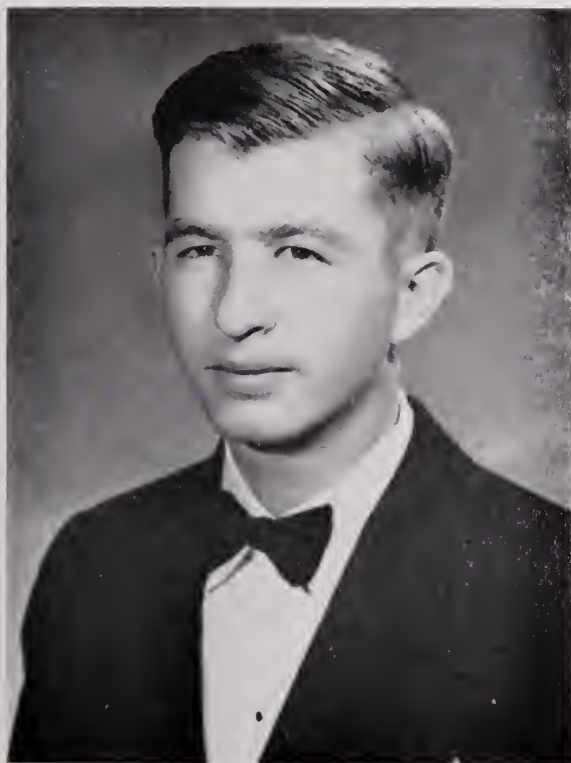
Activities: Cotillion Club, '47.



EUGENE ANTHONY URICK

Shamokin, Pennsylvania

Departments: Entered Shipfitters April 30, 1942, transferred to Mold Loft August 2, 1943, Hull Drawing Room October 11, 1943; joined Navy March 30, 1944, discharged June 1, 1946; reinstated in Hull Drawing Room August 26, 1946, transferred to Superintendent's Office February 10, 1947, Hull Drawing Room May 23, 1947, Hull Technical Drawing Room March 23, 1948, and graduated as Hull Draftsman June 30, 1949. Activities: Charles F. Bailey Award, '48; Niels Christiansen Award, '49.





KENNETH CALVIN WILEY, JR.

Roanoke, Virginia

Departments: Entered Apprentice Gallery September 24, 1942; joined Army April 2, 1943, discharged December 31, 1945; reinstated in Apprentice Gallery April 1, 1946, transferred to Hull Fitting and Plant Shop June 30, 1947, and graduated as Machinist June 29, 1949.

Activities: House League Basketball, '42, '43, '46, '47; Varsity Basketball, '47, '48; Softball, '47; Baseball, '48.

KENNETH EUGENE WILLIAMS

Williamsburg, Virginia

Departments: Entered Sheet Metal Department October 29, 1942; joined Navy April 22, 1943, discharged March 13, 1946; reinstated in Sheet Metal Department March 25, 1946, and graduated as Sheet Metal Worker July 20, 1949.



JOHN DAVID ZUSKIN

Sparrows Point, Maryland

Departments: Entered Apprentice Gallery April 8, 1943, transferred to Machine Shop February 16, 1944; joined Navy March 27, 1944, discharged June 24, 1946; reinstated in Machine Shop July 10, 1946, and graduated as Machinist May 18, 1949.

Activities: Board of Directors, '47; Cotillion Club, '47.



DAVID LEON AREY

Gold Hill, North Carolina

Departments: Entered Apprentice Gallery February 12, 1942, transferred to Machine Shop March 7, 1942, Toolmakers October 16, 1942; joined Army Air Corps July 20, 1943, discharged March 6, 1945; reinstated in Toolmakers September 5, 1946, and graduated as Toolmaker January 26, 1949.
Activities: Board of Directors, '47, '48.

EDWIN ANTHONY CONDON

Fort Monroe, Virginia

Departments: Entered Apprentice Gallery March 19, 1942; joined Navy August 18, 1942, discharged September 22, 1945, reinstated in Apprentice Gallery October 1, 1945, transferred to Machine Shop September 22, 1947, and graduated as Machinist May 3, 1949.
Activities: Football, '46; Baseball, '48, '49.

WILLIAM KEITH EVERETT

Newport News, Virginia

Departments: Entered Apprentice Gallery March 18, 1943, transferred to Hull Fitting and Plant Shop February 1, 1944; joined Army October 23, 1944, discharged December 8, 1946; reinstated in Hull Fitting and Plant Shop December 10, 1946, and graduated as Machinist March 30, 1949.
Activities: Cotillion Club, '47.

THOMAS WALTER FINCH

Bailey, North Carolina

Departments: Entered Apprentice Gallery April 30, 1942, transferred to Machinery Installation January 25, 1943; joined Navy March 24, 1944, discharged May 25, 1946; reinstated in Machinery Installation July 15, 1946, transferred to Apprentice Gallery July 19, 1946, Machine Shop December 1, 1947, and graduated as Machinist July 6, 1949.

GEORGE ERVING KELLEY

DeLand, Florida

Departments: Entered Electricians January 8, 1942; joined Marines May 23, 1942, discharged October 4, 1945; reinstated in Electricians October 15, 1945, and graduated as Electrician April 20, 1949.
Activities: Band, '42.

WILLIAM HENRY LEIGH

Gloucester, Virginia

Departments: Entered Machine Shop July 3, 1941, transferred to Machinery Installation December 8, 1941; joined Navy December 16, 1941, discharged December 8, 1945; reinstated in Apprentice Gallery December 17, 1945; transferred to Machine Shop November 10, 1947, and graduated as Machinist May 20, 1949.
Activities: Basketball, '48; Monogram Club; Board of Directors.

JAMES PATRICK MCSHERRY

Ironton, Ohio

Departments: Entered Apprentice Gallery July 13, 1943, transferred to Machine Shop April 10, 1944; joined Army Air Corps February 2, 1945, discharged September 22, 1946; reinstated in Machine Shop December 23, 1946, and graduated as Machinist July 4, 1949.
Activities: Basketball, '47, '48; Monogram Club; Cotillion Club.

ARTHUR JAMES THOMAS, JR.

Norfolk, Virginia

Departments: Entered Apprentice Gallery September 24, 1942; joined Navy August 24, 1943, discharged April 9, 1946; reinstated in Apprentice Gallery April 29, 1946, transferred to Hull Fitting and Plant Shop August 11, 1947, and graduated as Machinist June 10, 1949.
Activities: Football, '48.



CLASS
OF
1950

*Left to right: R. W. KENDRICK, Vice-president, J. E. BRAND, Secretary-treasurer.
Missing from picture: T. B. RAY, President.*

Tomorrow's Seniors: Hard work and determination have brought them thus far and by their example others shall also achieve their ultimate goal.

To you we say, "Press on."



EARL HAZLE BLANTON, JR.



TWYMAN ELMORE BOWMAN



JOHN ERHARD BRABRAND



RUSSELL EUGENE BRYANT

EDWIN WHEELER BUCKINGHAM, III

MAYO MCCOMB CLARKSON

CLAREN BURRSE FORE

ROBERT FRANCIS HARRISON

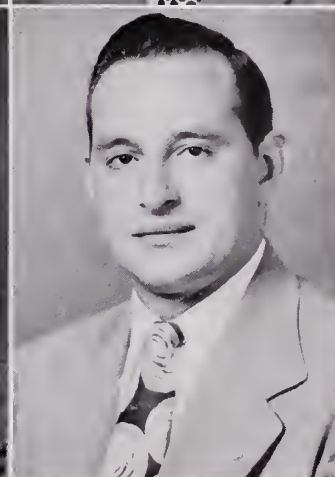
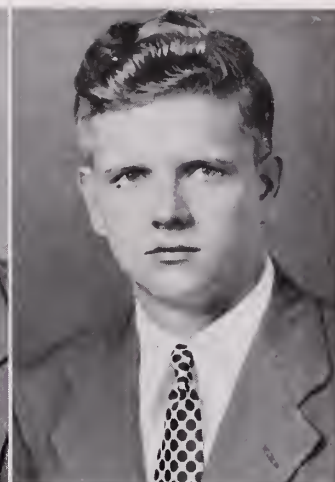


LINWOOD EARL HOWELL

ROBERT WILLIAM KENDRICK

CHARLES RANSOM LAMM

THEODORE EUGENE LARSON



EDWARD RERRIE MASSER

ROBERT WESLEY MATTHEWS



WILLIAM ALFRED McDONALD

JAMES EDWARD O'DONNELL



THEODORE BURNISS RAY



WILLIAM ARTHUR RESPESS, JR.



CARL NORWOOD ROBESON, JR.



STEPHEN ADLAI SHUFORD



Photo by Gurley

Night Vigil



CLASS
OF
1951

*Left to right: S. M. TIDD, Vice-president; J. D. SEWARD,
Secretary; W. T. SHREVES, Treasurer.*

Missing from picture: J. H. RAPPOLD, President.

Not all beginners attain this point, the half-way mark. These fellows obviously have "seen the light" and envisioning success are set to make it "smooth sailing" from here on in.

It's yours for the asking.

CLASS OF 1951

CHARLES ROBERT ADAMS

JAMES HENRY FLOYD ATWELL

LAWRENCE BERNARD AUGUST, JR.

SPURGEON VANIEL BARBEE, JR.

ELTON WASHINGTON BENNETT

HARRY DUANE BRADSHAW

RAYMOND WARREN BRUSHWOOD

JOHN BURTS BRYANT

DOUGLAS LAMARR BURROUGHS

CLAUDE CURTIS CARDWELL

CAROL SPENCER CARDWELL, JR.

FLOYD THOMAS CLARK, JR.

JOHN RAYMOND COPE

WILBER GENE CORSON

RICHARD DYER COULSON

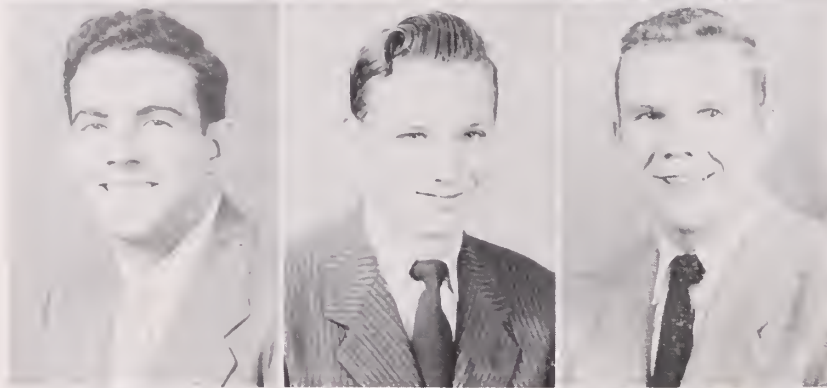
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GEORGE CLEVELAND COUNCIL, JR.

ELDON TATE DESKINS

ELWOOD DENNISON FLYTHE



ALLEN MORTON FORBES

MILTON LYON GARRISON

JOHN EMERSON GIRTON, JR.



WILLIAM CHARLES HOOD

FRANK PEARL HOPKINS, JR.

JOHN HILDREY INSLEY, JR.



IRA JENKINS

JOHN RUDOLPH KARNS

FRANK WALKER LEWIS



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CHARLES EDWARD MILLER

HARRY CALVERLIER MINGA, JR.

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OTTO ROBERT NAUMANN, JR.

PERCY CARLTON OVERMAN, JR.

ROBERT PUGH PETERSON

JOHN HERBERT RAPPOLD

JAMES PATRICK SCHADE

WILLIAM BRUCE SCOTT

JOHN DUNAWAY SEWARD

LAMONT ALLEN SHINN

WILLIAM THOMAS SHREVES

KENNETH GENE STULTZ

SIDNEY MORRISON TIDD

DANIEL GODFREY WEST, JR.

BYRON GLENN WOLFORD

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EDWARD JOHN MCCARTHY

FRANCIS DANIEL MERRITT

ROBERT WILLIAM MITCHELL

JOHN AYERS RIERSON, JR.

BOBBY LEE ROBERTS

CHARLES FREDERICK SCHORMAN, JR.

ANDREW FLOYD SMITH, JR.

WALLACE WELLINGTON WILLIAMS



Photo by Nixon

U. S. S. NEWPORT NEWS



Left to right: V. A. HAWKINS, Treasurer; V. O. BRIGHT, JR., President.

Missing from picture: S. E. DARNELL, Secretary; C. O. PARKER, Vice-president.

CLASS OF 1952

One down, three to go. Stick with it.

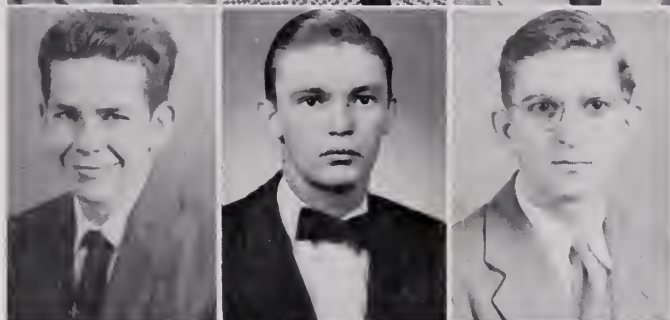
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PHILIP FAUNCE ALLEN, JR.
LAWRENCE CHANNING ARMSTRONG, JR.
THOMAS CLEVIUS ARMSTRONG, JR.



ALBERT VERNON ATKINSON
FRANK MAHONE BALLENTINE, JR.
GEORGE RAYMOND BARBER



LEO THOMAS BARBER
DANIEL ALEXANDER BARNES
ROBERT GORDON BARRON



LELAND EARL BASSETT, JR.
EDWARD BASTA
GWYNN LEE BELOTE



JAMES CALVIN BELOTE
DANIEL WEBSTER BENNETT, JR.
JAMES DAVIS BONEY



DARRELL WAYNE BRACKIN, JR.
VANCE ORPHEUS BRIGHT, JR.
LEO MARCUS BUNCH

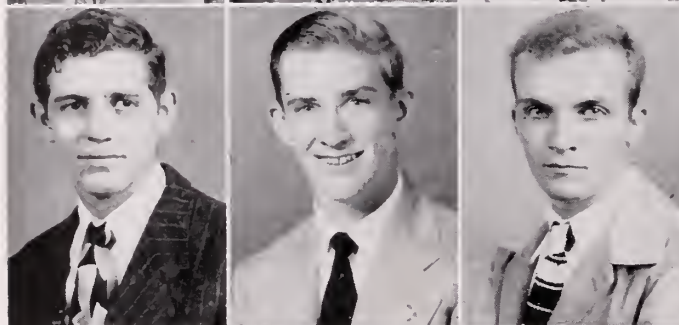
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LEON SMITH BUNCH
EDWARD BRANTLEY BURNS
RODNEY WILSON CARROLL



JESSE ROBERT COLE, JR.
BARTHOLOMEW FREDERICK CONLON, JR.
LEE FORSTER CONNOR



EDWARD ROY COOPER
WILLIAM CARLTON COPPERSMITH
ROBERT PHELPS COTTINGHAM, JR.



THOMAS STILSON CRITTENDEN
LAWRENCE FULTON CROCKETT
HOMER CARL CUDDY



CLAUDE HAROLD DALE, JR.
SAMUEL EDWARD DARNELL
WILLIAM EARL DRUMMOND



JOHN WOODSON DUNN
JOHN DURNOVICH
JAMES ALFRED ENGLAND

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JOSEPH FREDERICK FLANAGAN

CHARLES EDWARD FOLEY

JEREMY QUINN GALLOWAY

BOBBY CLARENCE GOODMAN

PAUL GRANVILLE GRESHAM

JAMES WADE GRUBB

PATRIC HARTWIG GWYN

JAMES BURLEIGH HARWOOD, III

VIVIEN ANSELL HAWKINS

CRAIG HINTON HEARN

HERMAN KNUTE HIGHT

CALVIN SMITH HILL

WAYLAND SHERWOOD HILL

WILLIAM HENRY HOGGE

HARRY LEE HOOVER

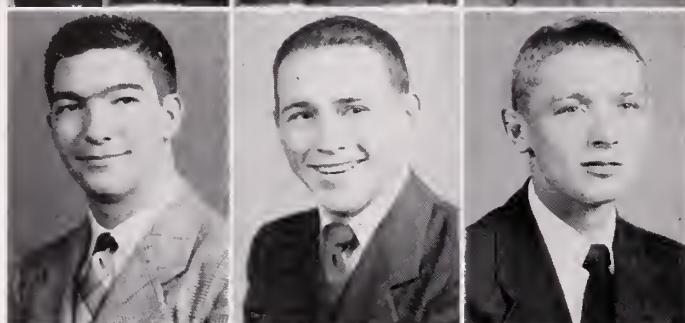
CLASS OF 1952



RODNEY ROSS HULL
WILLIAM WINSLOW HUNTER, JR.
BERKLEY IVEY



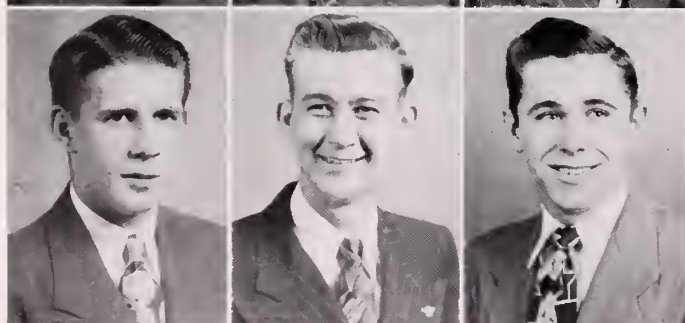
LONNIE RAY JENNINGS, JR.
CLYDE JOHNSON
ROBERT LEE JOHNSON, JR.



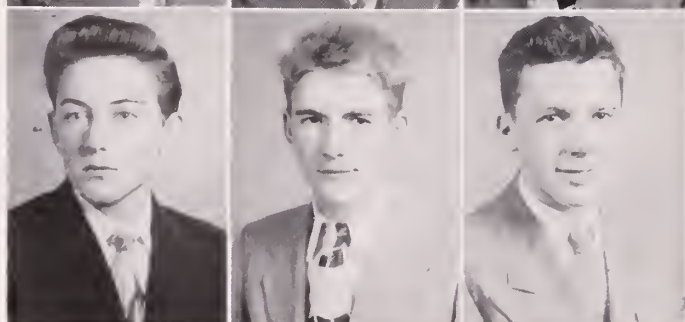
HILTON RANDOLPH JONES
JESSE CLEVELAND KELLY, JR.
THOMAS ELROY KERSEY



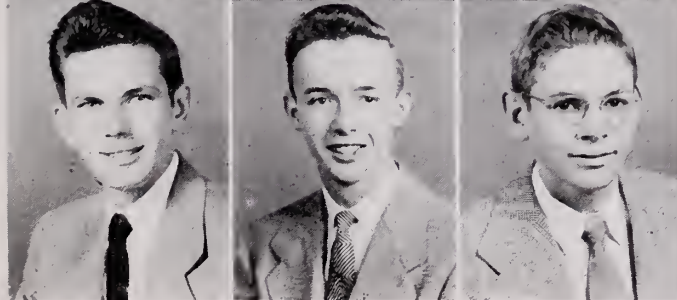
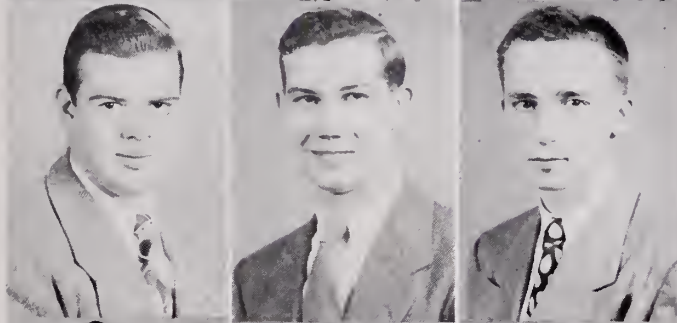
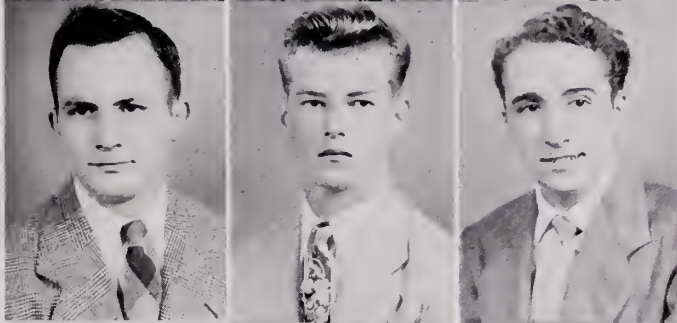
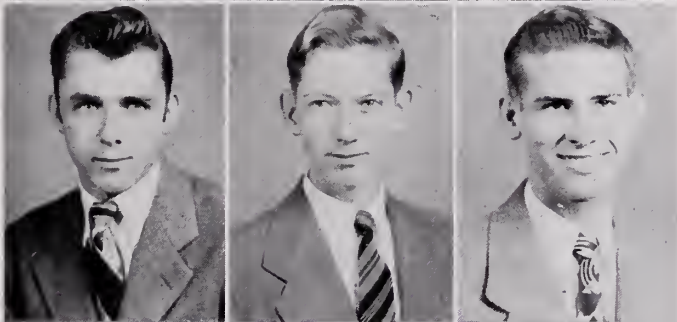
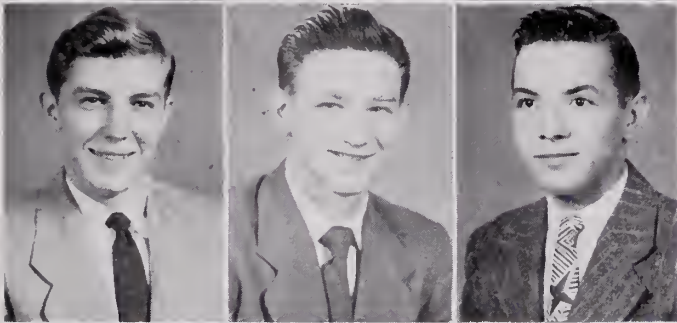
JAMES ANDREW KOSICKI
JOHN LANE LANDIS, JR.
JACK LOUIE LIBERTY, JR.



CLINTON ROBERT LINCOLN
HORACE VERNON LINDSAY, JR.
JOHN GEORGE LOCHSTAMPFOR, JR.



ROY VANCE MARKHAM
HARVEY GOLD MASHBURN
FRANK WALTON MASONIS



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 CLIFTON MACK McMILLIAN

JESSE MAHLEN MELSON
 JOHN ANTHONY MILLER
 GLENWOOD JEFFERSON MITCHELL, JR.

CURTIS LEE MOORE
 JAMES MARVIN MOORE
 MILTON FRANKLIN MOORE

CECIL GUS MYERS
 IRVIN PERRY NEWBILL
 FLETCHER EDWARD PACE

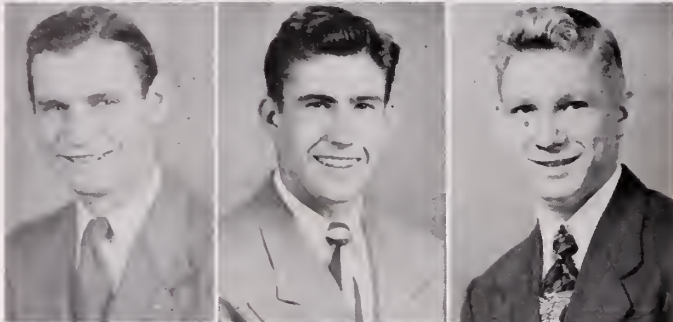
THOMAS TROY PALMER, JR.
 CAROL O'NEIL PARKER
 WILLIAM ALBERT PERROT

WILLIAM MAJOR PETTITT, JR.
 JOHN CARL PIAZZA
 RODNEY FLOYD PIERCE, JR.

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GALEN C. REYNOLDS
JESSE LEE RICKS



GEORGE CLARENCE SAVEDGE
CONLEY LEE SMITH
FRANK CONWAY SORRELL



THEODORE EARL SPECHT
LINWOOD WADDELL STANCIL, JR.
CHARLES CLIFFORD STAPLES



WILLIAM HAROLD SWORD
JAMES EVERETT TICKLE
COOPER RAYFIELD TILGHMAN



MARION GRAYSON TILMAN
JOSEPH BERRET VIOLETTE, JR.
RICHARD EDWARD WALKER



CHARLES EDWARD WARD
WILLIAM DOYLE WATKINS
JOHN WILLIAM WATSON

CLASS OF 1952

AMOS GROVES WEST

FRANCIS THOMPSON WHEELER, JR.

CLARENCE CARTER WHITLEY

WILLIAM ANTHONY WHITMAN

SHIRLEY FRANCIS WILBOURN

BENJAMIN FRANCIS WINGFIELD

FRANK ARNOLD WOLFE

WILLIAM AUGUSTUS WOLFLEY

WENDELL GIBBS WORNOM

CLASS OF 1952

JACK CLINTON ADAMS

JOHN WALTER AINSLIE

ROBERT PAUL BELFORD, JR.

RICHARD LAMARR COLLIER

RAMON NILS COOKE

ALLISON POWELL DAVIS

DONALD ROY DICKINSON

LEO JAMES DUNN

WILLIAM THOMAS FOSTER

WAYNE EBERHARD GRATTON

BYRON TISDALE HAWTHORNE

ALVIN COURTNEY HOWELL

JOHN HURMAN

LINWOOD WILSON ILISH

VERNON ROY JACKSON

JAMES HERMON JOHNSON

JACQUES GORDON LEMAY

FRED GALAN LEWIS

ROY HAROLD MASSENGILL

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NORMAN MCLEOD MILLAR, JR.

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LEONARD NICK SARICK

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GERALD CLAIR SNYDER

IRVING MILTON STEWART

EDWARD LEWIS TILLMAN

JULIAN NOLLIE TRAPP

BRAXTON CRAIG VINSON, JR.

LLOYD CHESTER WARE

JOHN TAYLOR WATSON

PHILLIP MARSHAM WEDDLE

ROBERT LENIUEL WHEELER



Photo by Nixon

Afloat at last



Left to right: S. C. MOORE, Secretary; D. A. NEW, Vice-president; P. E. WELLS, President; M. E. MOORE, Treasurer.

CLASS OF 1953

New faces, new friends, hopes, aspiration — To you we say, "Welcome. Glad to have you!"

CLASS OF 1953

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GERALD BROOKSHIRE BRIDGES
SIDNEY CLINE CALDWELL, JR.

ADERIAN LEWIS CAROWAN
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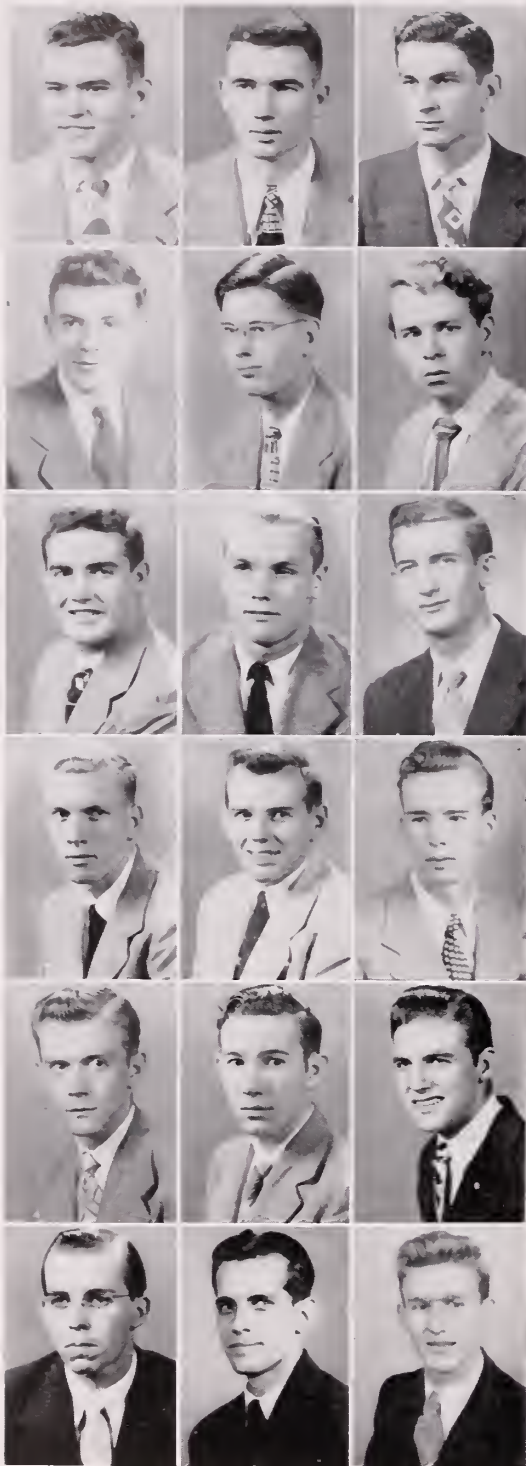
AARON BISHOP ELMORE
TOMMY FINCH
JAY ANDREW GOLUB

CLAUDE ARTHUR HALE
CHARLES MAURICE JOO
PHILIP ROGER KILMER

WILLIAM HUNTER LAMKIN
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GEORGE EMMITT SQUIRES

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PAUL EDWARDS WELLS

FRANK WILLIAM WOOD

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WILLIAM PHILLIP CLARKE

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LARRY DONALD GARDNER

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KENNETH NICHOLAS HEYWOOD

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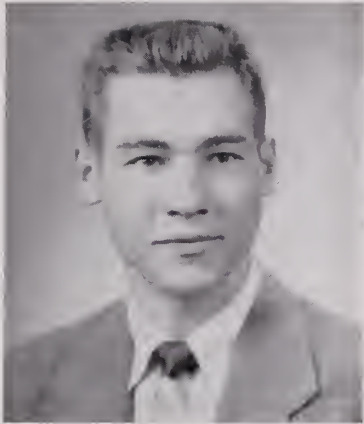
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HERBERT AL ROWLAND

ROBERT PHILIP WRIGHT



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Associate Editor



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Editor-in-Chief



R. W. CARROLL
Managing Editor

THE BINNACLE

V. O. BRIGHT, JR.
Feature Editor

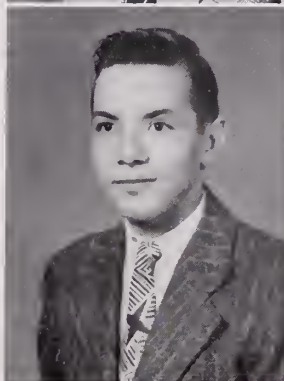
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J. C. RICKS
Sports Editor

G. J. MITCHELL
Photography Editor

J. Q. GALLOWAY
Advertising Manager

J. D. SEWARD
Business Manager





Left to right: J. L. RICKS, W. T. SHREVES, V. O. BRIGHT, S. T. DEMRO, and R. W. CARROLL.

In presenting this, the 1949 BINNACLE, we of the staff hope to bring to the students, the graduates, the faculty, and our friends, a pictorial and written history of the Apprentice School for the year 1949.

As this makes the third Apprentice year-book since the war, the experience available for the staff looked very good from the start. A meeting was called in May and our staff was elected. Samuel T. Demro was elected Editor-in-Chief. Demro has worked on several BINNACLE's before and was Sports Editor of the 1948 BINNACLE. Elected as Associate Editor was P. C. Overman, Jr. with R. W. Carroll as Managing Editor. V. O. Bright was chosen Feature Editor. Working on his staff was M. E. Moore. Selected as Senior Editor was W. T. Shreves and C. N. Joo was elected Class Editor. Handling the sports section was J. L. Ricks as Sports Editor with B. C. Vinson, A. F. Smith, W. W. Hunter, and J. A. Golub as his staff. Working with all staffs to handle the increasing business was J. D. Seward, Business Manager and J. Q. Galloway as Advertising Manager. Doing the honors with his camera was Photography Editor G. J. Mitchell and his assistant, L. D. Gardner. Drawing our illustrations to a fine degree of perfection was L. J. Dunn.

Other Apprentices contributing to the BINNACLE were J. W. Carter and V. A. Hawkins.

In closing, the staff wishes to thank Mr. George C. Mason, the secretarial staff and all others including the photography staff of the Shipyard, who helped to make this BINNACLE possible.

The “Broad A”

If life for any one thing was ever uncertain, it must be that of the “Broad A,” one of the publications of the Apprentice School. Even its ancestors led precarious existences. “The Apprentice Bulletin,” published first in 1923 by the faculty, was discontinued shortly after the Apprentices took over and lay dormant for two years. Soon after the reappearance of the “Bulletin” its name was changed to “Shipbuilding,” but changing names added no vitality to this early journalistic attempt and shortly afterwards it again dropped from circulation, this time for ten years.

1937 marked the birth of the “Broad A,” a single mimeographed sheet which soon became a printed paper. Then World War II interrupted, temporarily, its publication. After work on the paper was resumed in 1947 a great deal of progress was made, and when

1949 rolled around the “Broad A” was being published monthly in an average six-to-eight-sheet printed form. In the early spring appeared what was to be the last publication of the 1949 staff.

In September a group of Apprentices interested in the “Broad A” and the school and appreciative of the value that a good publication can have, informally organized themselves, with the aid of sympathetic faculty members, and the “Broad A” came alive again. Published weekly during the football season this three-to-four-sheet mimeographed newspaper was discovered to be newsy, interesting, and unusually informative. The rejuvenated “Broad A” is now published bi-monthly and is mimeographed in the Yard itself at a considerable saving as compared to the former costs of printing.



Left to right: W. T. SHREVES, M. E. MOORE, F. D. MERRITT, V. A. HAWKINS, and J. N. TRAPP.

To these following Apprentices, listed with their activities on the "Broad A" staff (although there is no staff formally), goes our "Well done!"

M. E. Moore — Editorials
 F. D. Merritt — Sports
 J. N. Trapp — Club news and art work
 V. A. Hawkins — Faculty and trades
 W. T. Shreves — Features
 J. L. Ricks — Features
 J. C. Piazza — Art work
 Leo Dunn — Art work
 C. J. Coates — Art work
 F. W. Masonis — Miscellaneous

Thanks, too, to Mr. G. C. Mason, faculty advisor and copy-reader, Miss Jane Dibble and Mrs. J. E. Curtis, typists, whose aid has been invaluable.





J. B. Woodward, Jr.

Graduation

Exercises for the 1949 graduating class of the Apprentice School were held at the Newport News High School auditorium on January 27, 1950, at eight o'clock, attended by the Apprentice student body and friends and relatives of the graduates, the Apprentices, and the School. Mr. J. B. Woodward, Jr., President and General Manager, Newport News Shipbuilding and Dry Dock Company, presided.

After those members of the graduating class who could be present had taken their assigned seats in the building, the ceremonies were opened with the National Anthem, followed by the invocation, pronounced by the Rev. Roy L. Sloop, pastor of Trinity Lutheran Church, Newport News, Virginia.

Following the greeting from the student body, delivered by T. C. Armstrong, presentations of the various awards were made.

Mr. H. Franklin Harvey, Electrical Engineer for N. N. S. & D. D. Co., presented the Charles F. Bailey Awards. J. C. Belote, first-year Apprentice, receiving the Bronze Medal, the Silver Medal going to second-year Apprentice, V. O. Bright, Jr., while C. N. Roberson, Jr., third-year Apprentice, was awarded the Gold Medal. These awards are presented for the highest scholastic records in the respective classes.

Mr. Walter A. Leyland introduced various department heads who in turn presented the Niels Christiansen Craftsmanship Awards to the recipient from their respective departments. Mr. P. F. Halsey, Superintendent of the Hull Construction Division, presented J. W. Taylor with his award. H. E. Parker, winner of the award in the Hull Outfitting Division received it from G. D. Cole, Superintendent. The Machine Shop Division award was presented to J. D. Bishop by Mr. J. C. Sterling, Superintendent. C. L. Rountree, Jr., who won the Machinery Division award, was presented with it by Superintendent C. B. Palen. The Drafting Division awards went to E. A. Urick and S. T. Demro,

winners of the Hull Drafting and Machinery Drafting awards respectively, which were presented by Mr. S. A. Vincent, Naval Architect, and F. R. Benson, Chief Engineer. In Mr. Urick's absence, the award was presented to his father for conveyance to him.

The highest award the School has to offer is the Homer L. Ferguson Award, which is presented for the highest combined shop and classroom grade average during Apprenticeship. This year's award, the second to be made, was presented to W. H. Starkey.

Mr. G. C. Mason, Faculty Chairman of Publications, presented S. T. Demro, sole recipient, with the Journalism Award, given for four years of service on publication staffs or for holding a major editorial position.

Presentation of awards was concluded by Mr. V. C. "Coach" Haynes, Director of Athletics, who bestowed the Gold Athletic Awards on R. F. Beard, Jr., S. T. Demro, C. B. Robbins, Jr., W. H. Starkey, and G. M. Thomas.



V. C. Haynes Presenting Athletic Awards



Dr. R. O. Nelson, Speaker

Mr. E. J. Robeson, Jr. introduced Dr. R. O. Nelson, Superintendent of Public Schools, Newport News, Virginia, who gave an impressive discussion of education, schools, their relative importance and future needs. His talk hinged on the destructive instincts of a child and its physical inability to release this destructiveness and he compared the child with an uneducated person who is physically mature and capable of carrying out the unchecked destructive desires of which his mind has never been cleared.

After the presentation of the certificates of graduation by Mr. F. R. White, who acted in the absence of Mr. G. Guy Via, G. B. Penn responded for the grad-

uates, expressing their gratitude for and appreciation of the value of their Apprenticeship served in a free country.

Following the benediction by the Rev. Mr. Sloop, the graduating class left the auditorium.

The processional and recessional were well rendered by the Newport News High School band which also presented the National Anthem. During the program an overture of Cole Porter music was played and other selections were most enjoyably presented by the band, under the direction of Miss Eleanor A. Sherman.



Presenting Niels Christiansen Award



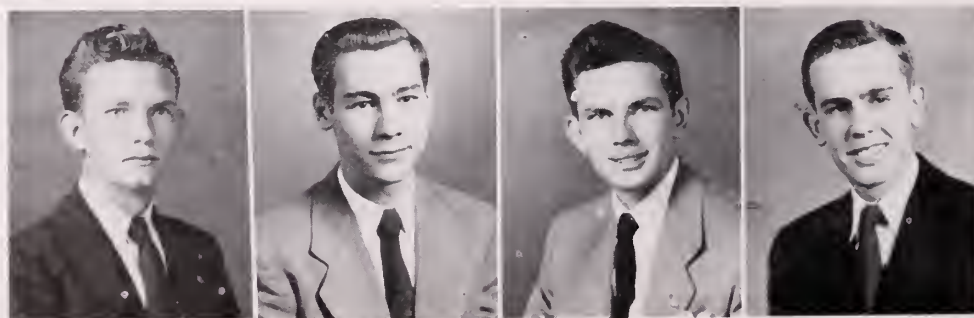
Presenting Charles F. Bailey Awards



The Cotillion Club

Among the various clubs of the Apprentice School the Cotillion Club is one of the most outstanding. The club is noted for the exceptionally fine dances it sponsors. These dances are all formal and are operated on a non-profit basis. For the price of his dues, a member receives a bid to each dance, a corsage for his date and a carnation for himself. Among the best features of a Cotillion Club dance are the refreshments served and the decorations put up by the James River Country Club. At each dance a date of one of the club members is chosen sponsor. Members of the faculty chaperon the dances.

The officers of the club for 1949 were as follows: President, P. C. Overman, Jr.; Vice President, B. F. Kissam; Secretary, W. M. Pettitt; Treasurer, W. T. Shreves; Publicity Chairman, J. Q. Galloway.



B. F. KISSAM

P. C. OVERMAN, JR.

W. M. PETTITT

W. T. SHREVES



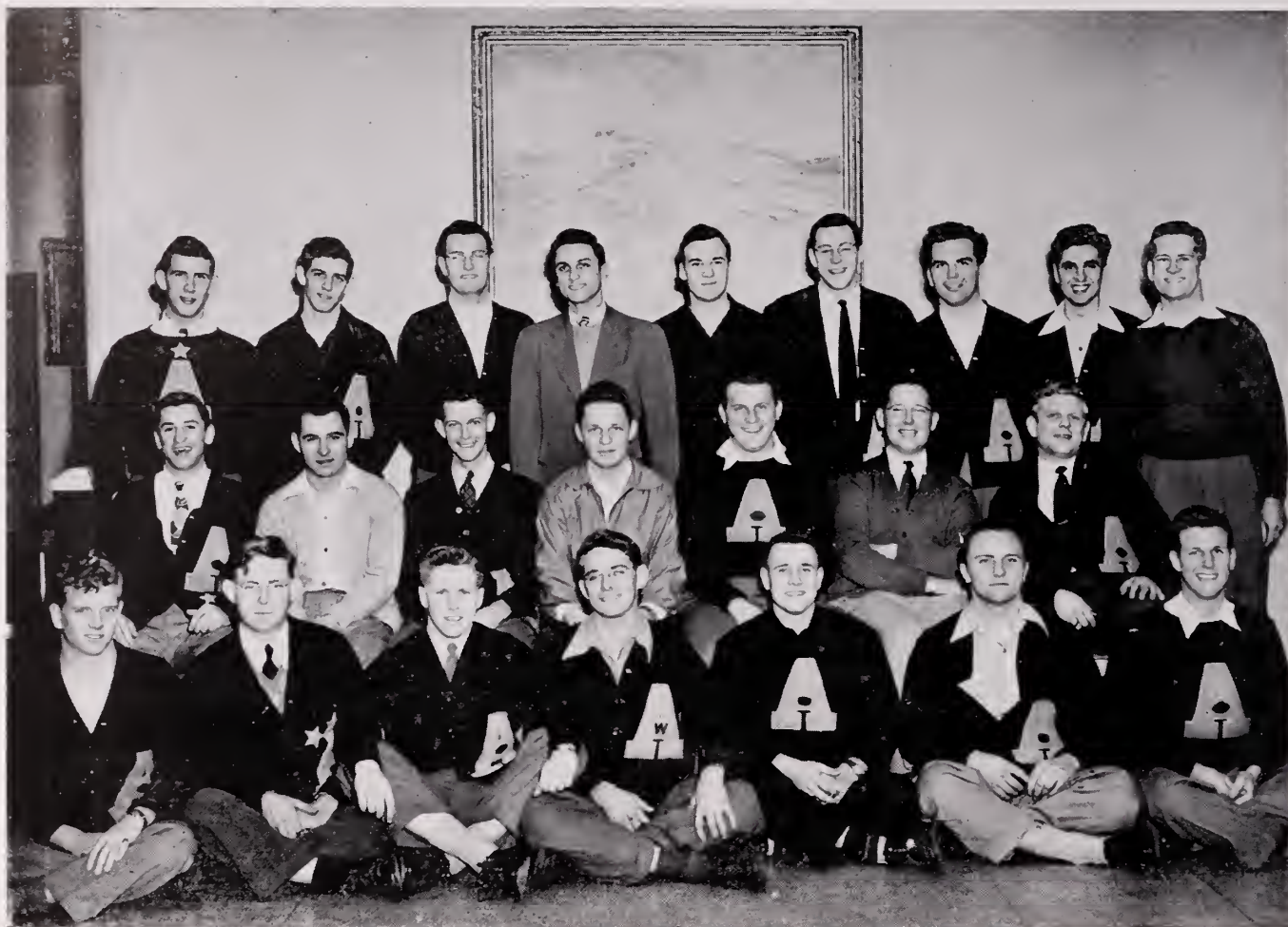
For this year the club sponsored a Spring dance in April with Mrs. Spencer Cardwell as sponsor and a Christmas dance on December 16 with Miss Eloise Capps as sponsor. Music at each of these dances was played by Jack Milne and his band.



MRS. CARDWELL



MISS CAPPS



Monogram Club

The Monogram Club of the Apprentice School is composed of Apprentices who have received one or more letters for any one of the various sports of the school.

The club has had a satisfactory year socially. On May 6, 1949, a dance was held at the Hampton Country Club from 9:00 until 12:00. There was good attendance at this dance and a good time was had by all.

The Monogram Club has been picking up steadily since its reorganization, both in body and spirit. This club is looking forward to a more active year in 1950, for which several dances and a minstrel are scheduled.

The officers of the '49 Monogram Club are: President, Robert Kendrick; Vice-President, R. E. Bryant; Treasurer, J. H. Rappold; Secretary, C. E. Ward.

The Glee Club

In an attempt to regain the prewar status of the Apprentice School in extra-curricular activities, reorganization of the Glee Club has twice been attempted. The first trial was a failure and the second was only slightly better.

Under the direction of Mr. A. R. Boger, who directed the Apprentice Glee Club before the war, winning various honors and public acclaim, the most recent comeback was begun in the fall of 1948.

Following a very promising turn-out and display of interest in making something of the club, membership and participation in the group dwindled, due to

a variety of reasons some of which were beyond the control of the fellows but most of which were inexcusable. However, the Glee Club managed to survive as such until the summer season of 1949 when it was decided to discontinue activities until the fall.

Tentative plans are to activate the club under the direction of Mr. Boger early in 1950 and, although there have been no post-war public appearances to support this claim, we are sure that the Apprentice Glee Club will again share top honors with comparable choral groups and bestow deserved honors on the Apprentice School.



THE CHRISTMAS PARTY



On December thirteenth, nineteen hundred and forty-nine, there was a party for the Apprentice Student Body held in the Athletic Building. This party served a dual purpose, being not only the first gathering of the student body since summer, outside of school, but also the usual annual Christmas party.

The Athletic Awards were presented by our new coach, Mr. Vernon C. Haynes, to football players who had earned them. Also the school's two outstanding players of the year, Larry Crockett and S. V. Barbee, Jr., received trophies presented by Mr. Herbert Morewitz of the Sportsman's Club.

The evening's most noteworthy event was the presentation by the Apprentice football team of a trophy to our retired coach, Mr. Frank M. Dobson.

The social portion of the program consisted of songs and games suited to the time of year. There was a little competition for appropriate prizes which all enjoyed. Jesse Ricks, an apprentice, did the honors as "chief of entertainers".

The Children's Class of Trinity Methodist Church participated as a choral group. The Student Nurses of Riverside Hospital were invited and we persuaded their Glee Club to sing for us (aided and abetted by the Apprentice Glee Club). The whole program was excellent.

We are indebted very much to Jerry Galloway for getting things started toward a party, along with Miss Jane Dibble and Mrs. Caroline Curtis, whose help was indispensable. Mrs. Edel Pullen, hostess of the Athletic Building, also went to considerable effort to help make the party a great success.





THE APPRENTICE ALUMNI ASSOCIATION

An organization better known outside the general student body of the Apprentice School is the Apprentice Alumni Association. Among the various objectives of the organization according to its by-laws are the promotion of the general and social welfare of its members, of civic and community activities and charities, and of legitimate undertakings of the Apprentice School.

This group presents various trophies and awards to Apprentices annually, the more important of which are the Homer L. Ferguson Award, the Charles F. Bailey Awards, and the Niels Christiansen Awards.

As part of its activities the Alumni Association sponsors the annual homecoming football game. The 1949 homecoming tilt with Elon College was highlighted at the half by the uniformed appearance of the remainder of an early Apprentice football squad and their coach, presenting a demonstration of their plays.

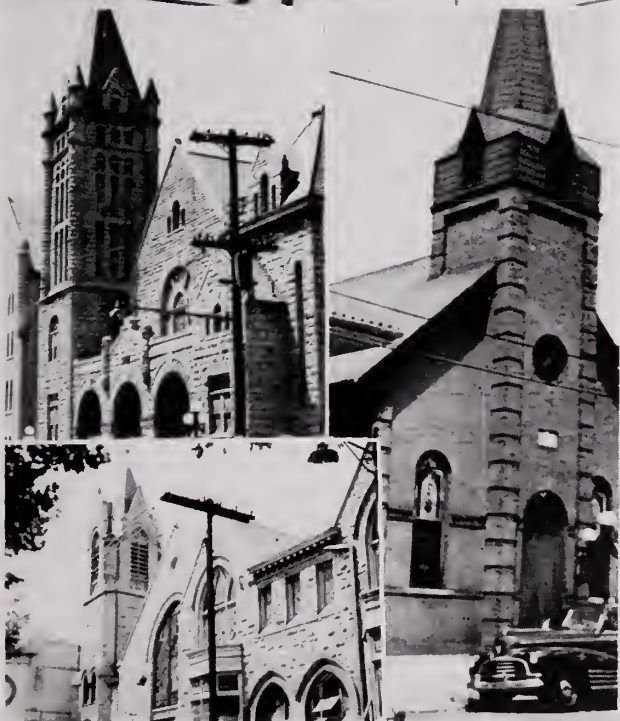
All Apprentices are invited on completion of their training to become active members of the A A A and contribute further to the high standards of their Alma Mater.



Left to right: R. K. Grant, W. A. Leyland, A. J. Davis, A. Morgan, A. W. Soter.



Admiral Paul F. Lee delivering the principal address at the Annual Dinner of the Apprentice Alumni Association.



Churches

It is the object of the Apprentice School to make not only skilled mechanics in the numerous trades for which young men here receive training, but also men; men who are leaders. Capable leadership requires, among other qualities, a certain degree of moral development. Of course, many important phases pertaining to this development can be introduced to and instilled in the Apprentice daily, but these constitute a minimum part of the necessary moral training.

Possibly the first introduction to local churches and Sunday Schools of the out-of-town Apprentice comes via older Apprentices who have established themselves socially and are actively engaged in the functions of their various churches. If, by chance, an occasional fellow is overlooked by this process, he isn't long forgotten. As are all Apprentices he is given a course in orientation under Mr. White during which he is certain at some time to be impressed with the foregoing ideas and invited to attend some local church.

Churches

A large percentage of the Apprentice student body is composed of local men who take active parts in the churches and young people's associations which they have attended since childhood. It may be stated uncompromisingly that in most churches Apprentices can be found filling vital positions and giving good performances.

Since the school has no direct denominational affiliations or chapel hour, the Apprentice has a very diversified choice in his attendance at church. Also contributing to this diversity is the fact that the communities of the Peninsula are located comparatively close together and thus make a great number of churches accessible to Apprentices.

The Apprentice School in past years has maintained a "Church-of-the-Week Plan", a schedule of churches selected by the students, with the students attending at their own discretion. The extent of the School's activity, as a school, in religious affairs consists at present of no more than the desire that its members engage actively in some church work. While it is firm in this desire, the faculty takes no coercive measures or in any other way attempts to force any Apprentice into church.

Of the training of the "three H's"—head, heart, and hands—this comprises the greater part of that applicable to heart and presents itself as indispensable to success.





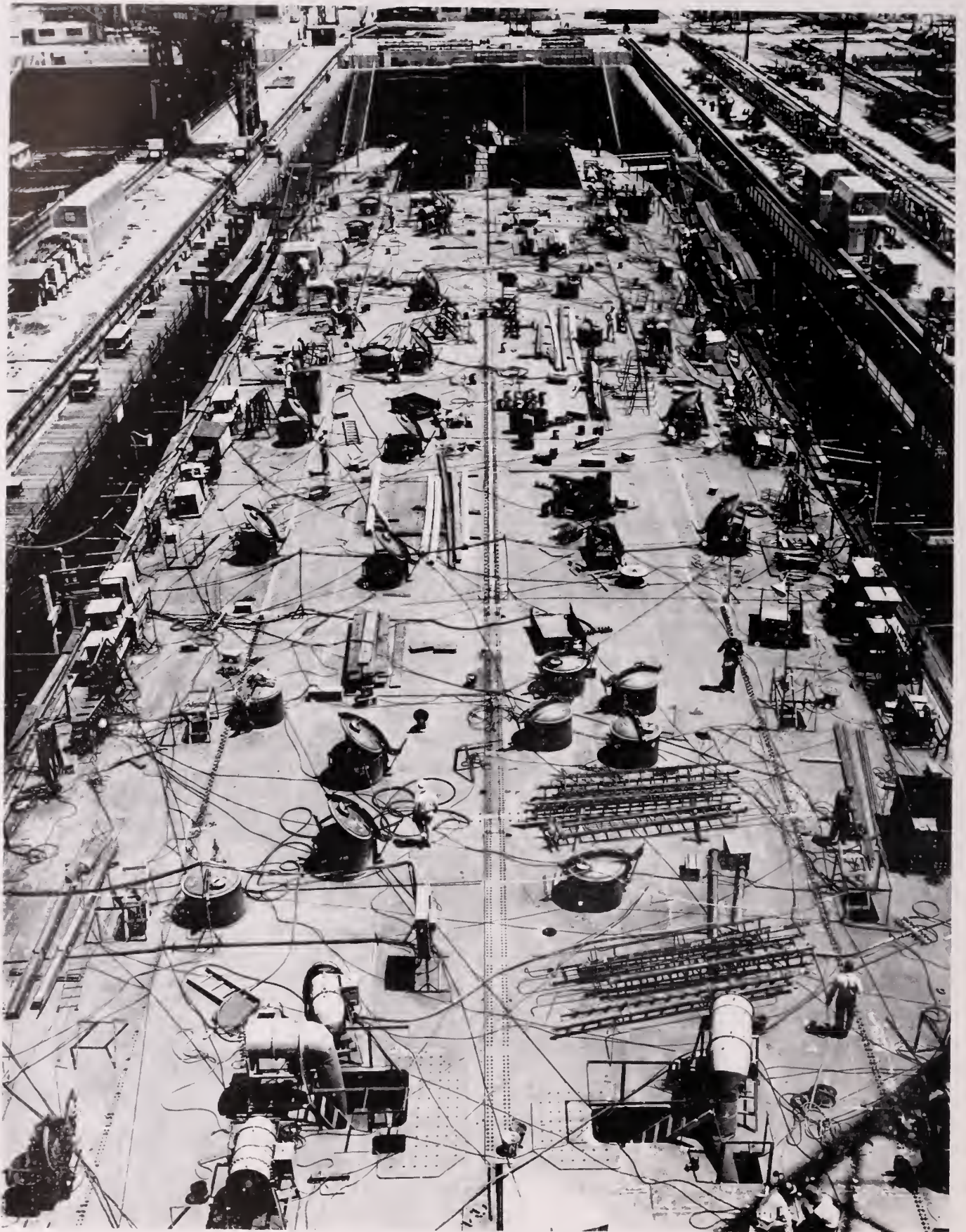


Photo by Nixon

Noon Hour







*Kneeling, left to right: Sorrell, Kelly, Dunn, Hopkins, Gwyn, Condon, Grubbs, Griffin.
 Standing, left to right: Coach Lamkin, Coach Lambiotte, Corson, Forbes, Lincoln, Bryant, Robbins, Cooper, Taylor, Watkins, West, Rowland, Coach Burns.
 Missing from picture: Sword, Manager Deskins.*

For the first time since the early 1930's, baseball was again introduced to the Apprentice School as a varsity sport in 1949. The first game, played on the diamond of Warwick High School against the Medical College of Virginia, turned out to be a success for the Apprentices, giving them a 6-5 victory. Our second game, played against the Little Creek Amphib's, proved to be another one for the win column. It was in our next game, played also in Norfolk, with the Nor-

folk Division of William and Mary, that we first tasted defeat. Again in Norfolk, this time playing the Norfolk Naval Base, we dropped our third straight game by a score of 13-6.

Straightening out a little for the rest of the season, we did a bit better, and the season was closed with the A's out ahead with seven games won and five lost. This baseball season, though our first in many years, proved to be a moderate success.

MAROON AND GOLD BASEBALL

After completion of the regular varsity baseball schedule the Apprentices were split up into two teams, the Maroons and the Golds. Included in these teams were not only the boys who had made the regular varsity squad but also those who had not.

APPRENTICE MAROONS



*Front row, left to right: Sword, Forbes, Kelly, Sorrell, Dunn.
Back row, left to right: Coach Lamkin, Corson, Bryant, Merritt, Lincoln, Cooper, Coach Burns.
Missing from picture: Hopkins, Condon, Basta, Mgr. Deskins.*

APPRENTICE GOLDS

These two teams were then entered in the Shipyard baseball league. Pacing the entire league were the Apprentice Maroons, winning twenty-five games and losing none. Doing not quite so well but playing good baseball all season were the Apprentice Golds, placing fifth.



*Front row, left to right: Gwyn, Watkins, Coulson, Cuddy.
Back row, left to right: Boney, Rowland, Hill, Belford, Coach Earl Coulson.
Missing from picture: Healey, West, Smith, Hight, Jenkins, Kennedy, Weddle.*



Left to right: G. E. (Pop) Lamkin presenting R. E. Bryant with his letter and certificate as Condon awaits same.



Left to right: G. D. Grimsley presenting G. E. (Pop) Lamkin with Shipyard Team Trophy to be presented to Maroon team, while Sword holds trophy he won as best pitcher.

Softball

The season started May 16, 1949. The first half ended June 23 with Machine Shops in lead, winning nine and losing one. The Apprentices came in second place, winning eight and losing two. The second half opened June 27, and ended August 4, and the Machine Shops again came in first, with the Apprentice Drawing Room second. In the finals the Machine Shops defeated the Apprentice Drawing Room in two straight games to take the season's championship. Games were played on the Apprentice Athletic field.

This league provided recreation for approximately seventy-five Apprentices and numerous other Shipyard employees. Lynn Bunting and Bob Livingston were the leading hitter and pitcher respectively. Pop Lamkin gave able assistance when needed and also scheduled other games for the Apprentice team.

The league consisted of ten teams. These were Hull Drawing Room, Mold Loft, Fitters, Welders, Painters, Electrical Drawing Room, Sheet Metal, Apprentices, Machine Shops and the Apprentice Drawing Room.

Officers of the League

President—Lynn Bunting, Brass Gallery

Vice President—E. W. Delk, Sheet Metal Shop

Co-Secretaries—C. P. Woolwine, Steel Hull Superintendents Office and J. E. Moren, Joiner Shop



APPRENTICE DRAWING ROOM

Front row, left to right: Harrison, Heath, Fore, Dwyer, Howell, White.

Back row, left to right: Hibbitts, Mgr. Mayo, Batty, Garrison, Kendrick, Ray.

Missing from picture: Atkinson, Cardwell, Norton, Wine, Hazelwood, Wingfield.



APPRENTICE SCHOOL

Front row, left to right: Ivey, Cuddy, Burns, Watkins, R. Coulson.

Back row, left to right: Coach E. Coulson, Barbee, Beck, Armstrong, Jenkins.

Missing from picture: Lincoln, Weddle, Hill, Conners, Merritt.



MAIN MACHINE SHOP SOFTBALL TEAM
IN SHIPYARD NIGHT-SHIFT LEAGUE

Front row, left to right: Dickinson, Cooke, Perrot, Walker,
Manager Cahoon.

Back row, left to right: Firth, Johnson, Hawkes, B. McClellan, J. McClellan, Wingfield, Crittenden.

NIGHT SHIFT SOFTBALL

This league provided recreation for Apprentices and employees of the Shipyard that worked on the night shift.

Shipyard Night Shift Softball League season started May 16 and ended June 22. The league was composed of five teams that played two rounds in each half. The games were played at 10:00 a.m. on the Apprentice Athletic field.

The Welders won the championship of first half, with the Counter-Fitters coming in two games off the pace. The Main Machine Shop team took first

place in the second half with the Welders second and the Apprentice Gallery third in the Shaughnessy play-off. The Apprentice Gallery won the best two out of three games from the favored Main Machine Shop team and lost two straight games to the Welders, who won the championship for the second straight year. Team trophy and individual gold softballs were given to winning teams.

Officers of the League

President—J. R. Gillen, Welders Department

Vice President—C. W. Cahoon, Main Machine Shop

Secretary and Treasurer—G. A. Sawyer, Brass Gallery



APPRENTICE GALLERY TEAM

IN THE SHIPYARD NIGHT-SHIFT LEAGUE

Front row, left to right: Squires, Winn, Reynolds, Peters.

Back row, left to right: Wells, Matthews, Coghill, Carowan,
Lochstampfor, Manager Morrison.

Missing from picture: Allen Parker, Jinnette, and Wolfe.



Wrestling

The Apprentice wrestling team closed out its last season for an indefinite period in February. Although the "A's" did not win any matches, they made a much better showing than the scores indicate.

Coach B. C. Carmeans had a tough job in trying to form a team out of 3 lettermen and about 30 new men, many of whom had never seen a wrestling match. With the help of Homer Tucker, Wilson Urrutia, and Tommy Morgan, "Benny" did a good job and probably would have had a winning team next season if the sport had not been discontinued.

George Thomas and Wayne Starkey proved to be the best wrestlers on the squad, both having a .500 average, with Starkey participating in 6 matches while Thomas tried only 4. The only man on the team who wrestled in all the matches was Bert Violette, a promising first-year man. The honor of having the fastest fall on record for the season went to Starkey, who pinned his opponent from the University of Virginia in 39 seconds.



Front row, left to right: Hale, Landis, Lewis, Ward, Starkey, Traylor, Hearn, Coach Carmeans.
Back row, left to right: Manager Schade, Watson, Miller, Moore, Burns, Kilmer, Daniel, Tucker.
Missing from picture: Ray, Violette, Thomas, Howell, Piazza, Gunning.



Hearn



Piazza



Violette



Watson





TRACK '49

During the 1949 track season three Apprentice records and all but five Apprentice-stadium records were broken. Jerry Garrison set a new high-jump on May 14 in a meet with Wake Forest College. He also led the team in scoring with a total of 57 points for the season. Garrison's new high-jump record of 6'-5" is believed to be the best mark ever made in the state.

The second of the three new Apprentice records was made by Ira Jenkins when he set a new pole vault mark of 12'-0½". Jenkins, majoring in only one event, put himself into seventh place in the team's scoring. He was the sole member of the team to take a point in the State A.A.U. meet, by virtue of a fourth place in the pole vault.

SCORE					
APP.					
VISITORS					



Front row, left to right: Kersey, Garrison, Coulson, Harwood, O'Donnell, Rappold, Starkey, Harrison, Seward, Jenkins, Howell.

Back row, left to right: Assistant Coach McDermon, Senior Equipment Manager Demro, Stancil, Lamkin, Liberty, Assistant Manager Pettitt, Mitchell, Assistant Manager Newbill, Foster, Assistant Manager Seward, Wolfe, Loyd, Burns, Whitman, Assistant Manager Atwell, Ricks, Athletic Director Dobson, Coach Gresham. Missing from picture: Manager Overman.



Setting the third new record fell into the hands of Sonny Cowling, when he made a time of sixteen seconds flat in the 120-yard high hurdles. Although out for almost half the season, Cowling was still able to amass 29 points.

Being consistent winners but breaking no records were Bill Foster, second highest scorer with $50\frac{3}{4}$ points, and Dave Seward, third highest with 49 points.

Also standing high in earning points were Frank Wolf, Wayne Starkey, Elroy Kersey, Burley Harwood, John Rappold, Bob Harrison, and Courtney Howell.

Much of the success of this year's team, as well as of teams in the past, can well be attributed to the work of Athletic Director Frank M. Dobson and of the team's able coach, Granville Gresham.







SCHOOL RECORDS IN TRACK

100-yard dash	10.1 sec.	Gresham	1935
	10.1 sec.	Lambiotte	1947
220-yard dash	22.4 sec.	Shaver	1936
440-yard dash	51 sec.	Gresham	1935
880-yard dash	2 min. 3 sec.	Gresham	1935
Mile run	4 min. 44 sec.	Brooking	1943
2-mile run	10 min. 45 sec.	Chenault	1943
High hurdles	16 sec.	Cowling	1949
Low hurdles	26.5 sec.	Garrett	1940
Shot put	39 ft. 9½ in.	Whitmer	1935
Discus	123 ft. 5½ in.	Jackson	1940
Javelin	178 ft. 4 in.	Perry	1942
Broad jump	22 ft. 6 in.	McDermon	1947
High jump	6 ft. 5 in.	Garrison	1949
Pole vault	12 ft. 1½ in.	Jenkins	1949
2 1/3 mile relay	2 min. 22.2 sec.	Lambiotte	1947
		Kendrick	
		Brooking	
		McDermon	

1949 TRACK SCORES

	A's	Opp's
William and Mary	36	94
Catholic University	53	78
University of Richmond	63½	67½
Quantico Marines	35	87
Randolph Macon and Hampden-Sydney ..	51	74-38
University of Richmond Freshman and William and Mary Freshman	87½	41-22½
Norfolk Division W. and M.	89	33
Totals	415	535





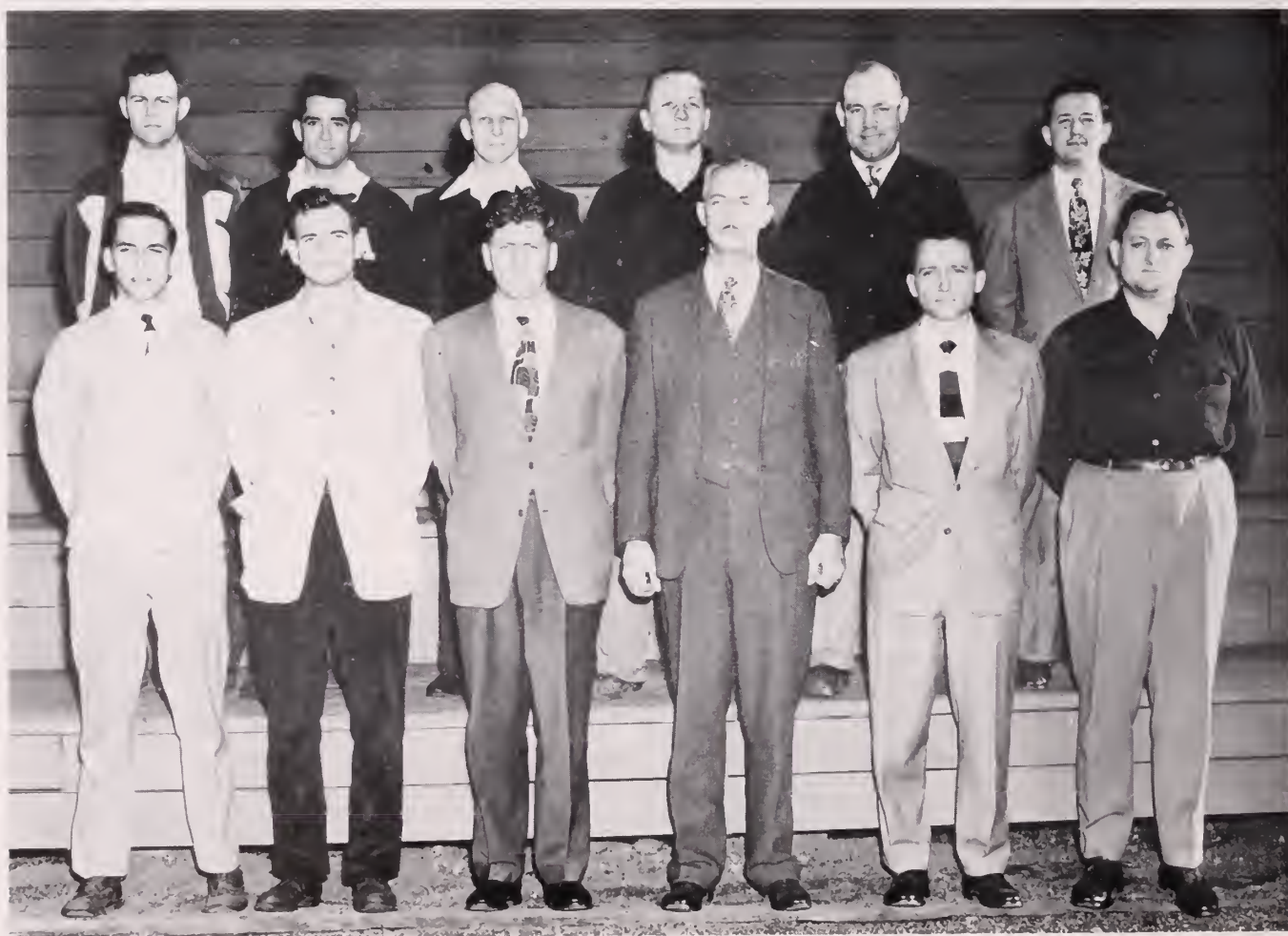
OUR COACHES

Any school's athletic prowess and reputation depend largely on two things, among others, these being the members of the teams and the coaching staff. The Apprentice School has a coaching staff of which it is proud and to which it is grateful.

Composed both of Apprentice Alumni and of graduates of other colleges, this staff represents leadership in the particular field of athletics which each member coaches. With the best interest of the men and the school at heart our coaches have continually turned out big-hearted, fighting, winning teams.

While a portion of the coaching staff is employed for this purpose along with other duties in the yard or school, their greatest return is their connection with their teams, this satisfaction being the sole remuneration for others of the staff who gladly donate their services.

We are deeply grateful.



*Front row, left to right: Swartz, Heath, Haynes, Lamkin, Hanbury, Carmeans.
Second row, left to right: Crocker, McDermion, Warren, Lambiotte, Burns, Urrutia.
Missing from picture: Stokes, Gresham, Coulson, Morgan.*



APPRENTICE VARSITY BASKETBALL

Overcoming one of the most serious of basketball team handicaps, lack of height, the members of the 1948-1949 Apprentice basketball team won fifteen of their twenty-five contests and placed last season's record among the best in Apprentice School history, averaging sixty-five points per game. They continually out-scrapped and out-jumped their usually taller opponents to tally winning scores and delight Apprentice School supporters.

One of the contributing factors to the improvement over the 1947-1948 season, when only one game was won, has been the return of Mr. Gordon E. (Pop) Lamkin to coaching duties at the school who, with the aid of assistant coaches Willie Warren, Ernie McDermmon, and Emmett Heath, developed one of the top-scoring quints in the state of Virginia.



Front row, left to right: Manager Deskins, Hopkins, Cooper, Captain Beard, Lincoln, Beck, Assistant Manager Parker. Standing, left to right: Coach Lamkin, Assistant Coach Warren, Kelly, C. Smith, Cowling, Liberty, Durnovich, Assistant Coach McDermmon, Assistant Coach Heath. Missing from picture: Taylor, Hood.

Did it go in?



Left to right: Coach Lamkin, Assistant Coach Warren, Beck, Hood, Allan, C. Smith, Liberty.

INDIVIDUAL SCORING

<i>Name</i>	<i>G.</i>	<i>F.G.</i>	<i>F.</i>	<i>T.</i>	<i>Years On Squad</i>	<i>Hometown</i>
Eddie Cooper	24	122	94	338	4	Newport News, Virginia
Lou Taylor	24	133	50	316	1	Newport News, Virginia
Bob Beard	24	87	30	204	4	Newton, North Carolina
Bob Lincoln	24	72	50	194	1	Springdale, Penna.
Frank Hopkins	24	81	14	190	2	Newport News, Virginia
Jim Beck	19	49	34	132	1	Springdale, Penna.
John Durnovich	21	23	22	68	1	Cheswick, Penna.
Frank Cowling	17	11	8	30	1	Newport News, Virginia
Conley Smith	19	8	4	20	1	Hampton, Virginia
J. C. Kelly	17	9	0	18	1	Winston-Salem, N. C.
Lou Liberty	17	6	3	15	1	Hampton, Virginia
Others	25	30	29	97		

APPRENTICE JUNIOR VARSITY BASKETBALL TEAM

The Apprentice Junior Varsity basketball team was organized primarily as a training program and screen for new or inexperienced prospective varsity players as well as to afford a greater number of interested athletes an opportunity to participate in the athletic program. It has proven a success in all three aims with a number of capable players graduating from its ranks.

Entered in the Shipyard League, the team won the first half and the second half championships over some tough competition. The playoff in the Shipyard League was one of the two seasonal playoffs the team participated in, losing out in this one and emerging runner-up in the peninsula-wide tournament of ten teams. In the latter they took second place as they lost to the Agathon Club.

Forty wins to twelve losses during the season proclaim success without question.



Kneeling, left to right: Whitman, Conner, Price, Boney, Daniels.

Standing, left to right: Manager Parker, McCarthy, Stancil, Watkins, Hood, Wheeler, Coach Swartz.

Missing from picture: Masonis.



Kneeling, left to right: Ball, Hill, Kosicki.

Standing, left to right: Referee Scott, J. O'Donnell, Moe Howell, Wolfe, Referee McDermion.

Missing from picture: Stultz, J. H. Rich, Landis.

APPRENTICE HOUSE LEAGUE BASKETBALL

Another phase of the School's program to offer opportunity for participation in athletic activities to the majority of the Apprentice student body is contained in the Apprentice House League Basketball schedule.

Eight teams were billed for the 1948-1949 season, representing the following departments: Sheet Metal Shop, Pattern Shop and Foundry, Electricians, Joiners, Hull Engineers, Pencil Pushers, Fitters, and the Apprentice Gallery.

The Apprentice Gallery team, pictured above, took the House League Championship for 1948-1949

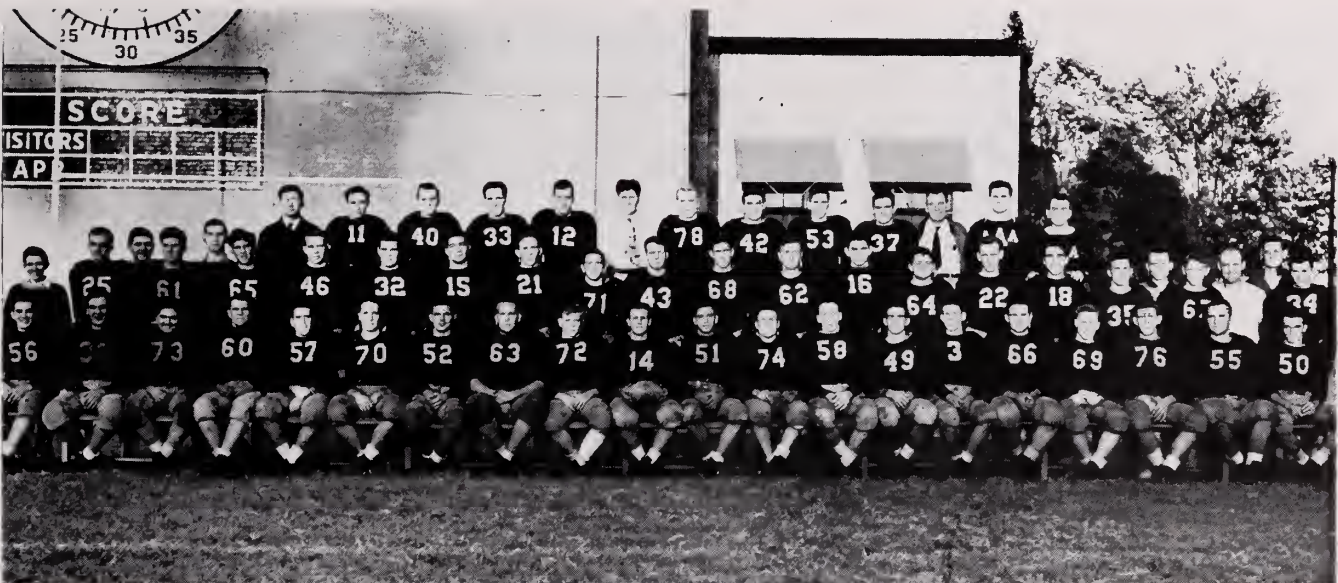
with twenty-two wins and the loss of only one game, a notable record considering the competition presented by the other participants in the league. Following the season's close the winning team was awarded a beautiful trophy and individual gold basketballs, the trophy at present being displayed in the trophy case at the Apprentice Athletic Building.

House League Officers were: President, S. T. Demro; Vice-president, J. W. Murden, Jr.; Secretary, B. C. Vinson; Corresponding Secretary, J. D. Seward; and Assistant to the Director of Education and Training, G. E. Lamkin.



VARSITY FOOTBALL

Through the efforts of a large number of last year's football squad, reinforced by several new apprentice boys, the big "A's" turned in a season's record which, though not spectacular, was commendable in view of the size of the opponent's squads. Due consideration must be given to the fact that the members of the Apprentice football squad put in many long hours of hard practice after putting a full week's work at their trade, whereas the opponents, in general, had considerably more time to devote to practice, and didn't have as many other activities to drain their supply of energy. Looking back over the record it can be seen that the big "A's" performed beautifully with the material and experience they had at hand. So don't be glum, big "A's", next year is another season and, win or lose, the student body is behind you.



Front row, left to right: Wolfe, Gresham, Armstrong, Girton, Monk, Seward, Barbee, Lewis, Kendrick, Bryant, Rap-pold, Hopkins, Bradshaw, Forbes, Lincoln, Landis, Shinn, Crockett, Howell, Harwood.

Second row, left to right: Assistant Manager Bennett, Cottingham, Assistant Manager Carroll, Teasley, Manager Parker, Kennedy, Walker, Palmer, Jones, Sword, Kelly, Graham, Smith, Corson, New, Marozza, Staples, Hurman, Ilich, Assistant Coach Hanbury, Kersey, Burns, Assistant Coach Stokes, Assistant Coach Watkins.

Third row, left to right: Senior Manager Demro, Hight, Sandstrom, Matthews, Harrison, Haynes, Coach Phillips, Pereira, Lamkin, Moore, Gresham, Trainer, Junior Manager Pettit, Assistant Manager Bridges.

RESUME OF THE SEASON

A's	0	0	0	0-0
Appalachian	7	14	14	0-35

The A's started off their football season by traveling down to Boone, North Carolina, to play the Appalachian Mountaineers. Appalachian unveiled a powerful air attack that finally won by a 35-0 score.

A's	7	7	7	0-21
William and Mary	0	7	0	0-7

Opening their home campaign against the William and Mary "B" team, the A's, led by "Buddy" Bryant and Bob Lincoln, won easily by a 21-7 count. Bryant passed to Rappold for one score, scored himself on a short end run, and Bob Lincoln also scored on a short end run. Frank Hopkins, reserve fullback, booted all three extra points.

A's	0	7	7	0-14
Randolph-Macon	7	0	0	0-7

Randolph-Macon brought a powerful running and passing attack to the Peninsula with which to battle the A's. It was strong but not quite strong enough as the A's again led by Bryant and Lincoln won 14-7.

Bryant and Harwood did the scoring, while Hopkins' magical toe made it five straight extra points. This win boosted the A's record to two wins and one loss.

A's	7	12	13	0-32
Atlantic Christian	0	6	0	7-13

The A's made it three in a row when the Atlantic Christian College Bulldogs were tamed to a mild growl 32-13. The game was highlighted by an 85-yard off-tackle burst by "Buddy" Bryant. Before the game was over Bryant added two more TD's, while Bob Lincoln also got two. Hopkins came through with two extra points.

A's	0	0	7	7-14
Potomac State Teachers	0	7	0	6-13

The A's eked out a one-point decision over the Catamounts of Potomac State Teachers College. This game was very evidently the best played and the most sportsmanlike game the A's played all season. The Potomac fellows fought hard, clean, and fast which spurred our boys to play their best game.



After the A's second TD Bryant fumbled the try for the extra point, so he just up and carried it around the right end for what proved to be the winning point. The Catamounts came right back to score but the try for the extra point was blocked. Bryant scored one TD himself and passed to Barbee for the other.

A's	0	7	0	0-7
Hampden-Sydney	6	7	6	19-38

The A's traveled to Death Valley for a game with the H-S Tigers. There was some very questionable refereeing and the final outcome was 38-7 in favor of the Death Valley squad. The lone Apprentice tally came when "Monty" Shinn recovered a Tiger fumble, and a few plays later Dave Seward crashed over into pay dirt. Hopkins added the extra point.

A's	0	14	7	0-21
Eastern Carolina Teachers	0	6	13	7-26

In an aerial circus of passes the E.C.T.C. Teachers downed the A's 26-21 on a fourth-period tally. All of the E.C.T.C. TD's were either scored or set up on passes. The A's featured the passing of Bob Lin-

coln and the running of Barbee and Harwood held a 21-19 lead going into the fourth quarter. Then they scored. Conley Smith, Spurgeon Barbee, and Burleigh Harwood scored for the A's. Hopkins came through with three out of three extra points.

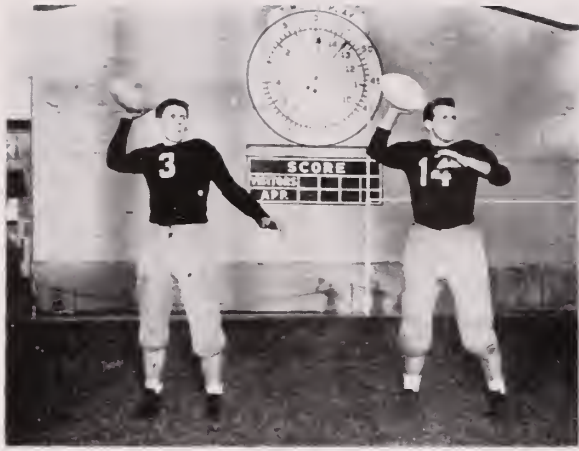
A's	0	0	0	0-0
Elon	7	14	7	13-41

An Apprentice Homecoming was spoiled when Elon College showed up and ran away with a 41-0 decision. They were large, fast and a good bunch of ball players.

A's	7	0	6	13-26
Bridgewater	0	0	0	13-13

The A's closed out their '49 season against Bridgewater College with a 26-13 victory. Harwood, Lincoln, Barbee and Kersey all crossed into their opponent's pay-off territory. Hopkins added two extra points to make his season record stand at twelve out of eighteen. Two that he missed were blocked and another was attempted after a 15-yard penalty. The season ended with a won-5 and lost-4 record.





Lincoln
Bryant



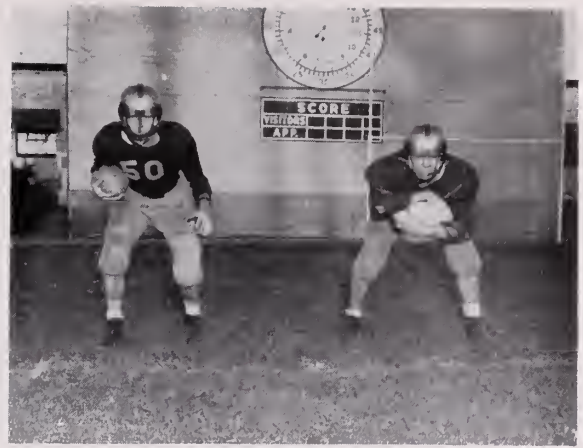
Girton
Crockett



Howell
Armstrong



Landis
Gresham



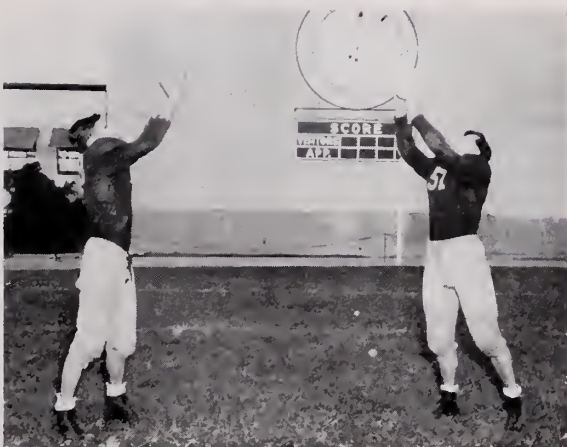
Harwood
Seward



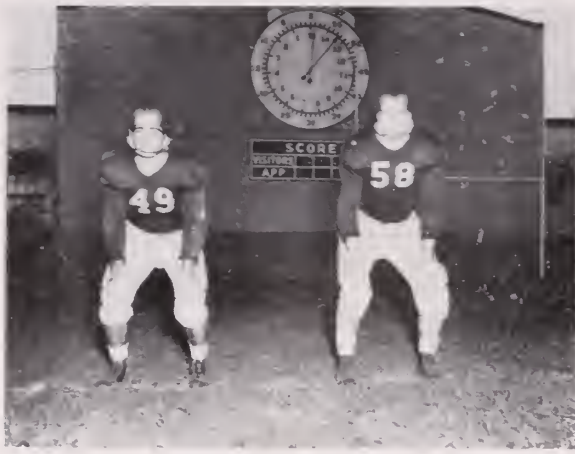
Monk
Kendrick



Wolfe
Barbee



Smith
Rappold



Forbes
Bradshaw



Phillips
Corson



Walker
Jones



Pereira
Moore



Sword
Harrison



Lamkin
Lewis



Hopkins
Kersey



Kelly
Shinn



Hight
Matthews



Watkins
New



Staples
Cottingham



Marozza
Pauls



Myers
Palmer



Hurman
Sandstrom



Kennedy

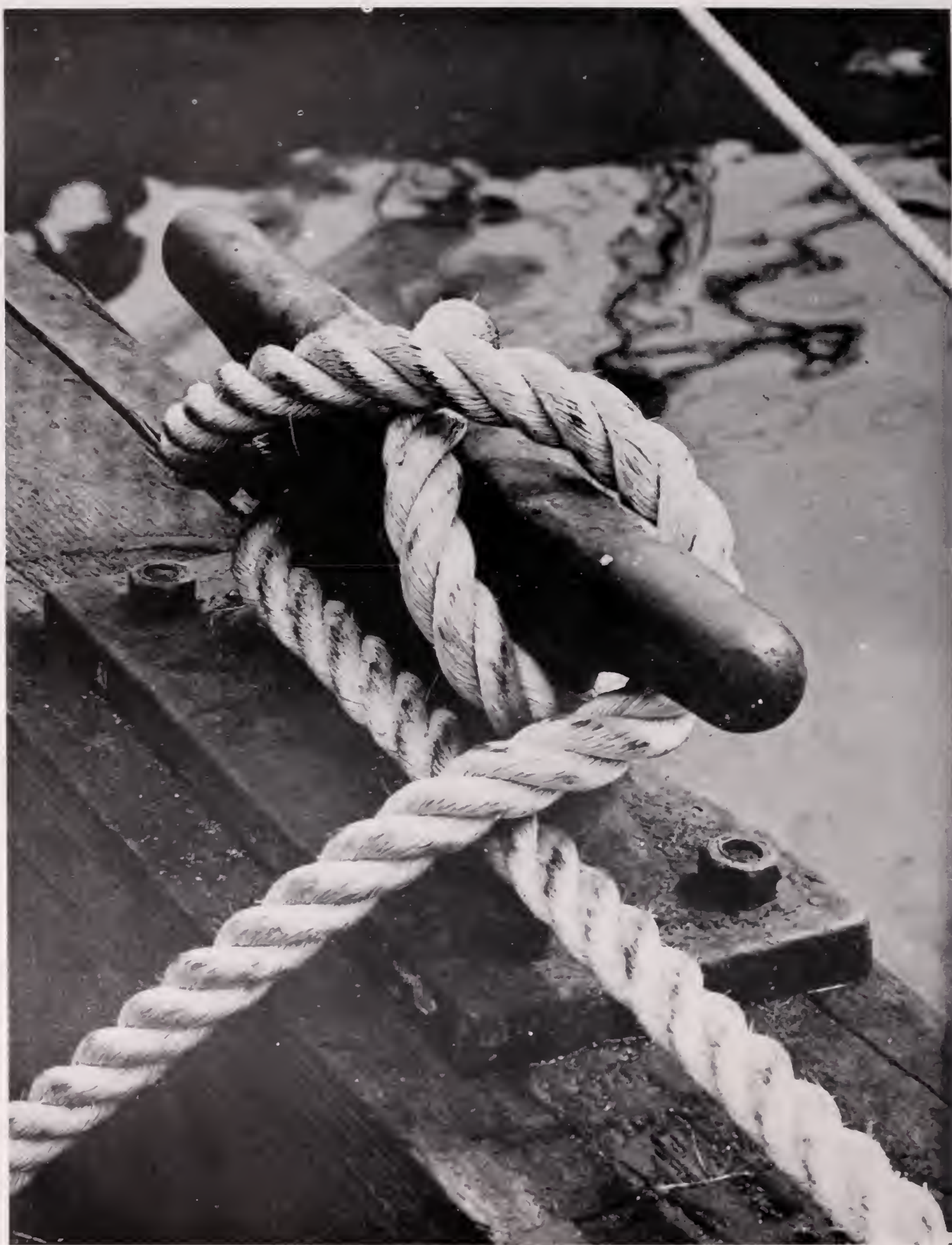


Photo by Nixon



*Left to right: B. C. Vinson, Charles-
etta Graham, Daniel Merritt, Nollie
Trapp, Mary Huller, John Piazza.*



CHEERLEADERS

For the second year since 1943 we were able to boast of a fine squad of cheerleaders. These boys, aided by three girls of recent high school fame, have well led and sparked our cheering section for the last year. Although it is hard to show our appreciation in the way of an award few members of the student body or few of our fans could or will soon forget the interest and effort shown by this staff.



*Left to right: Nollie Trapp, Charles-
etta Graham, Dorothy Wilson, John
Piazza.*



ATHLETIC BUILDING

The Apprentice Athletic Building, located at 3601 Washington Avenue, housing the gym and basketball court, with shower facilities and a comfortable lounge, and forming the eastern end of the Apprentice Stadium, was a popular center of activity in 1949.

Open nightly under the care of Mrs. Pullen or various Apprentices, the AAA Building presented a favorite rendezvous where there could usually be witnessed a fast-moving game of basketball, or where energetic softball players performed in the stadium.

"Pop" Lamkin's interest in and unselfish devotion to giving the "A's" a full-time recreational program presented an attraction with which other entertainments offered slight competition.

The "Big A" Varsity teams coached by Mr. Lamkin, Mr. Dobson, and Mr. Dobson's successor, Mr. Haynes, served in a magnetic capacity to draw and entertain crowds of both Apprentices and friendly supporters connected with the school only through their own personal interest.

On rare occasions when no specific activity happened to be scheduled, the lounge itself proved a popular place for fellowship and a "gab-fest" and served further to make 1949 an outstanding year for the Athletic Building.



Mrs. Edel M. Pullen
*Apprentice Athletic
Club Hostess*



Gordon E. Lamkin
*Assistant to the Director
of Education and Training*

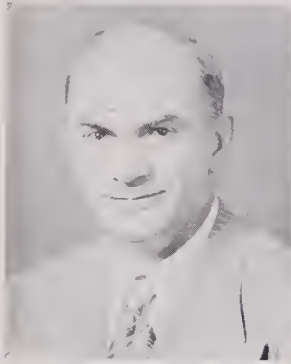


Vernon C. Haynes
*Director of Athletics for
the Apprentice School*

APPRENTICE ATHLETIC BUILDING



APPRENTICE DORMITORY



George H. Padgett
Manager

For those Apprentices from outside the Lower Peninsula, home is at 3501 West Avenue. Here is located The Apprentice Dormitory.

The Dormitory was completed in 1941, providing facilities for approximately 200 boys. It is conveniently located just one block from Washington Avenue and adjoining the Shipyard. The building itself is of colonial style with two wings forming a small court in rear of building. This court is attractively planted in shrubs and flowers.

Mr. and Mrs. George H. Padgett have supervised the operation of the Dormitory since its construction. Aside from providing rooming accommodations, the building contains one of the most modern cafeterias. Meals are served six days a week.

Entering the "Dorm" from the wide front veranda, you find the spacious lobby; to the left are the office and lounge and to the right, the cafeteria. The lounge can hardly be surpassed. Groups of comfortable chairs and sofas are found, with thick carpets covering the tile floors. To one side is a large fireplace and around the walls are beautiful oils of the famous old sailing ships.

The boys' rooms, which are located in one wing of the first floor and on the whole of the second and third floors, are either single, double, or triple. In every case possible the boys are allowed to choose their own roommates. Each room is provided with a single bed and metal locker for each occupant as well as desks and bed table. Also every room has a lavatory and medicine cabinet. Fresh linen is provided every day.

It would be hard to find better accommodations any place away from home.



Mrs. George H. Padgett
Assistant Manager





Courtesy Mariners' Museum

Figurehead of "Semiramis"

Mariners' Museum

The Museum is located six miles to the north of the Shipyard. It has always been closely associated with the Shipyard, as it was founded by Archer Milton Huntington, who was for many years the principal owner of our Company. The Shipyard is a constant contributor to the Museum, although exhibits have come from all over the world.

Some of the more interesting exhibits include a working model of each of the two most popular types of steam power plants used in modern ships, the reciprocating engine and the turbine. These were made and contributed by the Newport News Shipbuilding and Dry Dock Company. There is a fine display of half-body models (which would draw envy from any ship owner) on the inside wall at the front of the Museum.

The main hall is filled with myriads of models of ships of all periods, countries and sizes. They are too numerous to describe. Some are so perfect in detail that they are furnished inside.



Photo by W. T. Radcliffe

The left wing is filled with valuable marine paintings which are replaced periodically to furnish a varied and interesting exhibit.

The right wing contains a library, a display room devoted mainly to objects pertaining to life saving, lighthouses, etc., and a display room filled with everything from old weapons and harpoons to old naval architects' instruments.

The library consists of an estimated fifteen thousand volumes, whose subjects include geography, travel, sailing, shipbuilding, and naval architecture, both ancient and modern.

There is a courtyard in which a small boat exhibit is found. This covers every type from an old whaleboat to a modern Japanese and German submarine.

The extensive forest park surrounding the Museum building is ornamented with statuary and contains a lake with a boathouse, picnic grounds, bridle trails, and a wildlife preserve.





Sloop "Dilemma" — built at Bristol, R. I. by N. G. Herreshoff; contributed to the Museum by the owner after de-commissioning about 1940. The vessel was shored up on the south bank of the shipyard and overhauled by Apprentices. She now rests at the rear of the Mariners' Museum.

Scrimshaw — Whaler's name for carved whales' teeth of which the Museum boasts an outstanding exhibit.



Courtesy Mariners' Museum

Statue "Shouting Boy"



Photo by N. N. S. & D. D. Co.

Sloop "Dilemma" under full sail



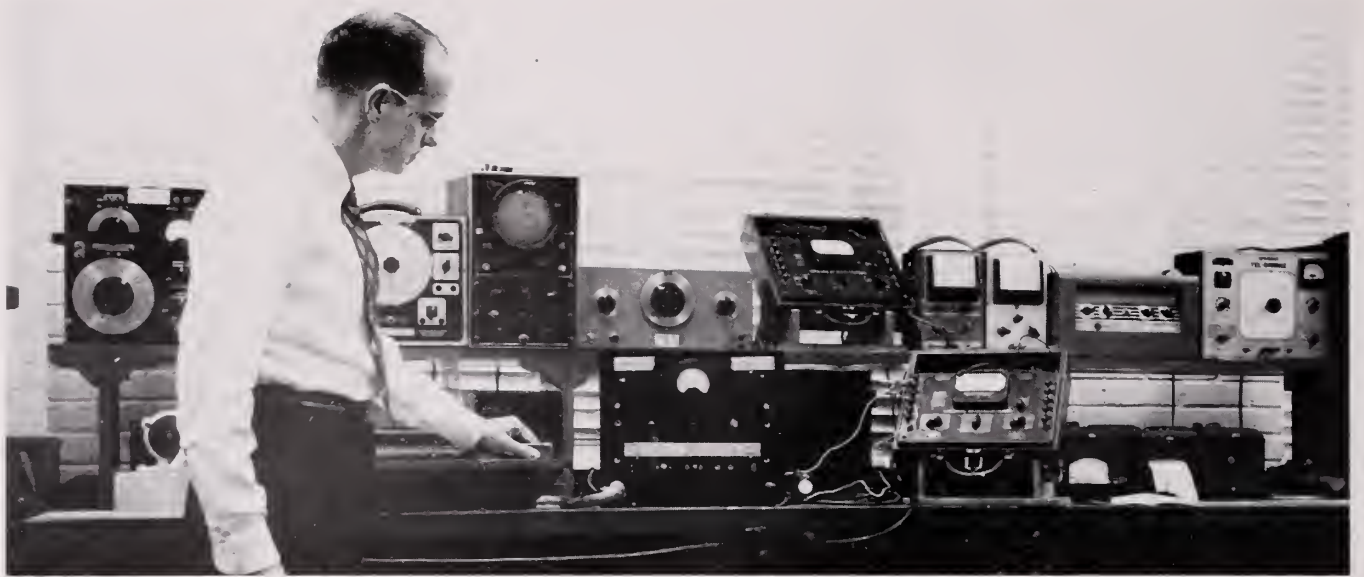
HYDRAULIC LABORATORY

The laboratory was within the boundaries of the Shipyard until 1933, when it was moved to its present location facing the Mariners' Museum. The Hydraulic Department, in charge of the laboratory, studies results of tests on model pumps, turbines, and propellers. These studies directly affect current design projects.

One of the most difficult problems tackled by this group is how to overcome cavitation, the steamship's worst enemy. Cavitation is the name given the situation which occurs if a ship's propeller turns fast enough to collect air pockets. Then it slips; just as does a tire in a mud hole when the automobile is "stuck". Cavitation can also occur in pumps and turbines, where it can be equally troublesome.

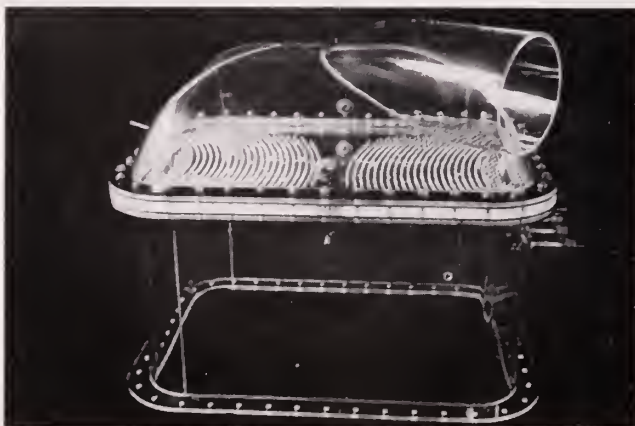
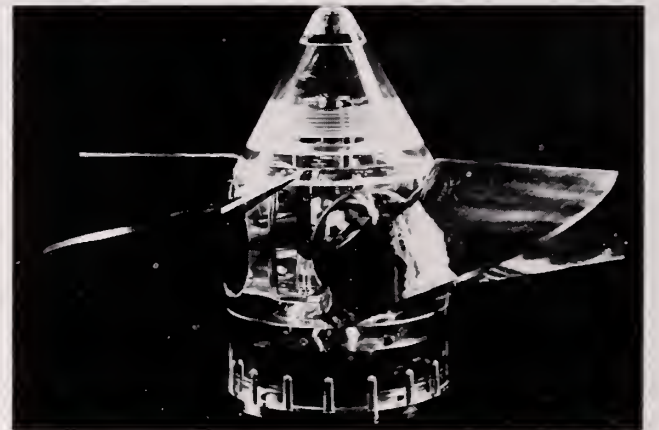
The Model-towing Tank is located in the building also. Hull models tested here have developed into hull designs for some great ships. Some are the RANGER, YORK TOWN, ENTERPRISE, MIDWAY, and AMERICA. The tank develops simulated waves corresponding in scale to waves two to fifteen hundred feet in length. It might be worth while to add that this is the only test basin in this area.

There is also a laboratory in the building where electronics measuring instruments are constructed.



Some of the Testing Equipment used in the Laboratory

Plastic model of an adjustable-blade turbine rotor, an outstanding example of the use of transparent plastics in showing the function of intricate equipment.



Plastic model of a main condenser hot top built to be tested under simulated operating conditions.

A typical model-towing operation. This view shows the towing mechanism in detail.



The "Pit" in which turbines are set up for testing. Due to the chance of a mishap no one is allowed here during a test. All readings are taken at the top of the shaft, two stories above.

STAFF



Miss Peggy Madsen
Norge, Virginia



Miss Nancy Walker
Daytona Beach, Florida



Miss Maxine Justice
Newport News, Virginia



Mrs. Louise Ramsay
Newport News, Virginia

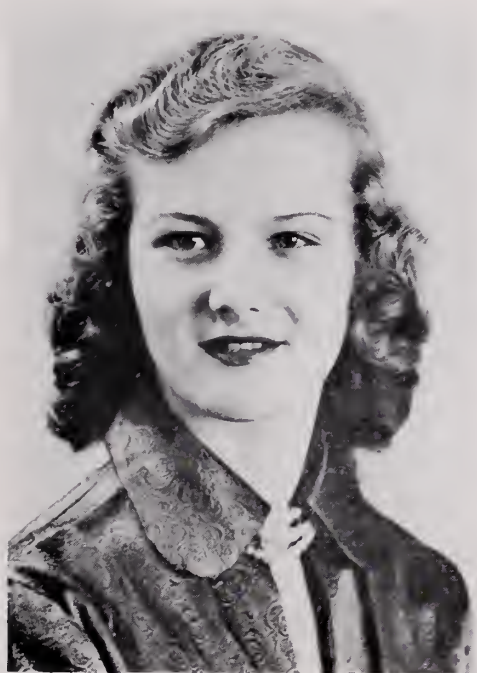
FAVORITES



Mrs. Mary Demro
Newport News, Virginia



Miss Margaret Lewis
Newport News, Virginia



Miss Betty Kuitens
Hilton Village, Virginia



Miss Ruth Bass
Dudley, North Carolina

NEWPORT NEWS SHIPBUILDING AND

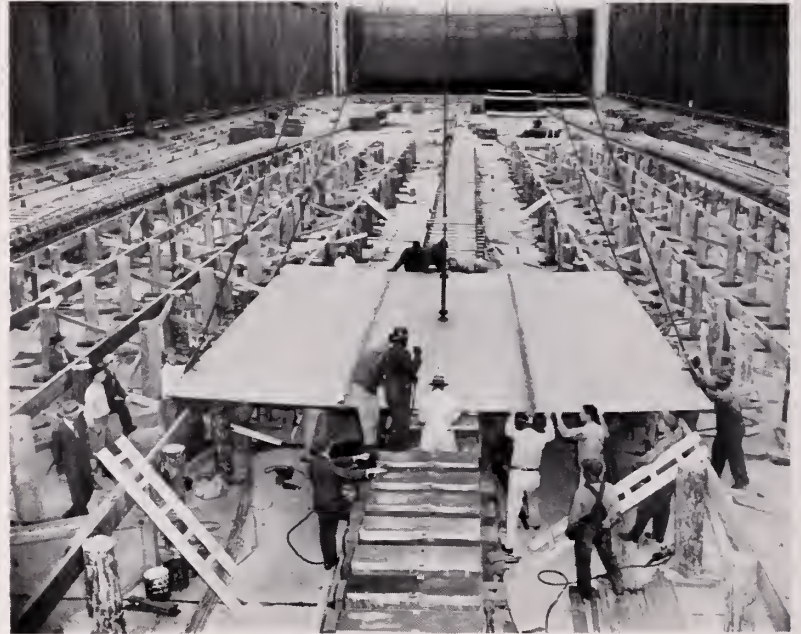
DRY DOCK COMPANY — 1949

The dawning of 1949 found "The Yard" with a healthy back-log of work and promising aspects, but brought with it difficulties and complications very unwelcome to both management and employees.

NEW CONSTRUCTION

January 29, 1949, saw the commissioning of the U.S.S. NEWPORT NEWS, heavy cruiser of the Salem class, and the conclusion of one of the major sources of employment of the Yard ever since the keel was laid in October of 1945 and the ship was christened on March 6, 1947. However, things looked bright until the Company was notified to discontinue all work on the U.S.S. UNITED STATES, super-aircraft carrier in the process of construction for the Navy. All ground-work having been completed in 1948 and early 1949, this ill-fated massive ship had her keel laid on April 18, 1949 to find her end after a short life of six days.

Cancellation of this contract constituted quite an economic blow and increased the importance of getting work



Laying the keel for the "U.S.S. United States"



"The Northampton" — LST converted for ferry service

on the new liner underway. The basic work for the super-liner, the contract for which was awarded the Yard by the United States Lines the first of the year, was whisked to completion with a tentative date for laying her keel set for early in 1950.

Meanwhile, the major part of this year's work is attributed to the construction of eleven 628-foot super-oil tankers. Ten of these tankers were built for the Standard Oil Company of New Jersey. After launching the ESSO SUEZ, the first of the ten Standard Oil ships, completion of the others followed according to the predetermined schedule of one each month. The eleventh of these ships (the fifth to be constructed), almost identical to her ten sisters except for minor alterations, was built for Livanos Oil Carriers, Ltd., and christened ATLANTIC EMPEROR.

CONVERSIONS

As compared to prior post-war years, 1949 proved itself unique in that conversion work played such a minor role in the Yard's productivity.

The delivery of the SALTA on March 25th concluded an extensive conversion program designed for five former aircraft carriers of the C-3 type bought by the Yard for conversion and resale. The SALTA and the CORRIENTES (the CORRIENTES is the sister ship of and identical with the SALTA, having been delivered in January) were converted for use as immigrant passenger vessels serving between Argentina and Italy and were purchased by Rio De La Plata S. A. Navegacion De Ultramar, a subsidiary of Dodero Navigation Company of Argentina.



"Corrientes" — former aircraft carrier converted for use as a passenger cargo ship.



"Ankara" — yard conversion of "Solace," wartime hospital ship, and a ship with an interesting past.

Delivery of the ANKARA in April turned the pages for another episode in the life of a famous ship. Prior to her conversion to a passenger ship for use in the Mediterranean by the Turkish government, she served most recently and notably as the hospital ship SOLACE, as well as under other names and in other capacities.

The U.S.S. CARPENTER, a completion-conversion job from destroyer to sub-chaser, whose completion and delivery dates were moved back due to alterations and indecision, is due credit for a great deal of work, while the conversion of several molasses tankers to general cargo ships and of oil tankers to carriers of propane constituted the remainder of the Yard's 1949 conversion program.

REPAIRS

Calls by five frequent visitors to the Yard were made during the year for extensive repairs. These included the JONANCY, the BYLAYL, the JAMES ELWOOD JONES, the FREEMAN, and the HARRY BOWEN, repairs on which consisted of replacing the internal double-bottom structure.

The S.S. AMERICA also came in for a general overhaul and repairs during March. Damage suffered from excessive storms during her Atlantic crossings was responsible for her arrival two months ahead of schedule.

After several months of service as a ferry, the NORTHAMPTON returned to the Yard for installation of a cycloidal bow propellor to facilitate turning and steering. A former LST, she was converted by the Yard for the Virginia Ferry Corporation some time ago.

Arrival of the EASTWIND in September restored some of the life to a dying repair front. An ice-breaking coast-guard cutter, she was involved in



Floors — for use in repairs made on the "Harry Bowen."

a collision with an oil tanker off the coast of New Jersey. The impact and ensuing fire caused damage requiring extensive hull and superstructure repairs.

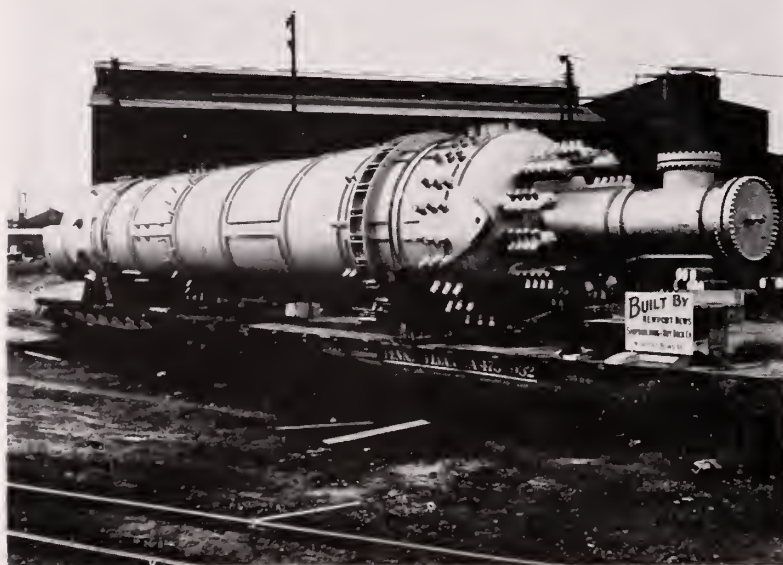
MISCELLANEOUS

During 1949 the second three 165,000 H.P. turbo-electric units of eighteen, contracts for which were awarded the Yard several years ago, were completed and installed. Built for Grand Coulee, the last group of three is scheduled for completion in 1951.

Contracts for three additional turbines were awarded the Yard in June by the Department of Army Corps of Engineers. These supplemented contracts for four turbines already being built for the Clark Hill Project which the Yard had received in March.

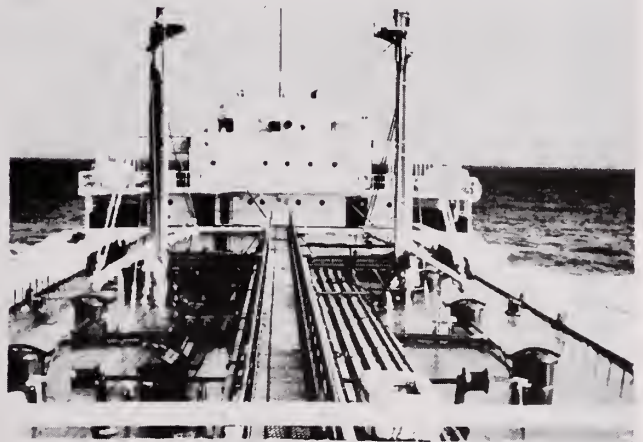
Among other minor items of miscellaneous construction was a gas generator completed in March and shipped to Brownsville, Texas.

This is the N.N.S. & D.D. Co. in 1949 — as for 1950, who knows?

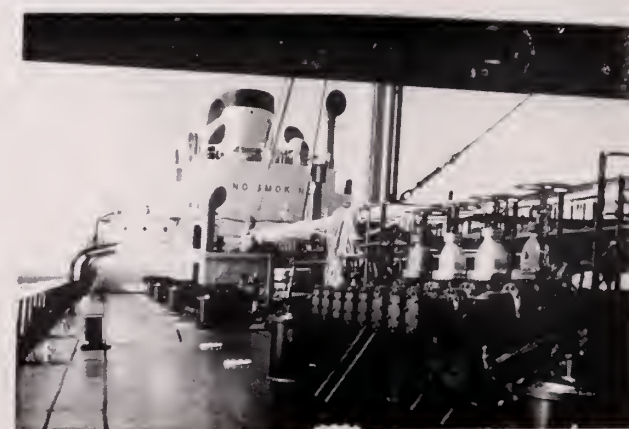
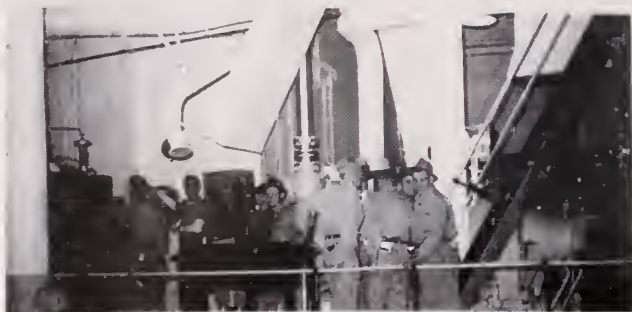


Gas generator enroute to Brownsville, Texas for installation.

TRIAL



TRIP.



ROSTER OF APPRENTICES

JANUARY 1949 to JANUARY 1950

Adams, Charles Robert	Hampton, Virginia	Cook, Johnny Ford, Jr.	Franklin, Virginia
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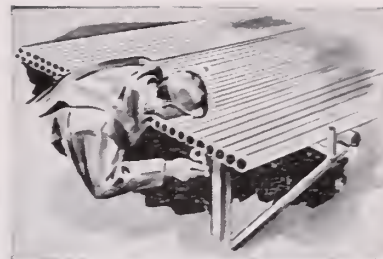
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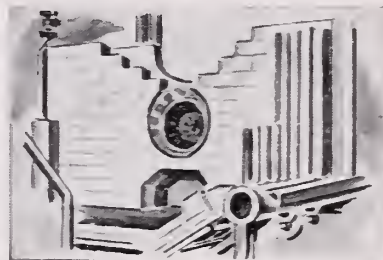
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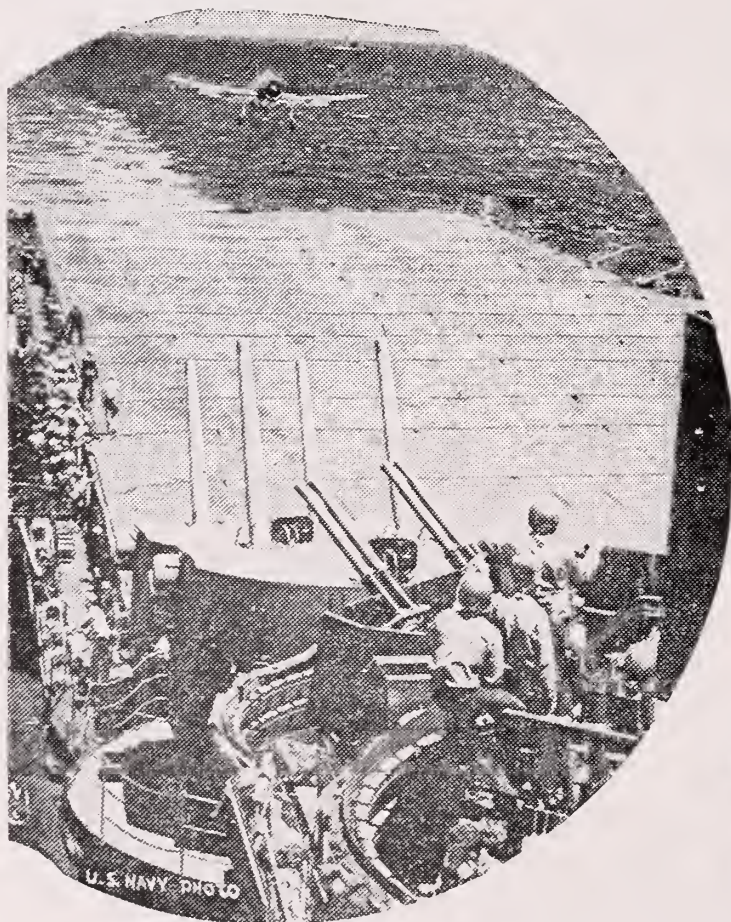
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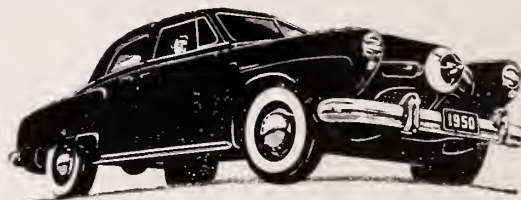
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